

November
Monthly Compliance Report
(COC COMPLIANCE-6)

Genesis Solar Energy Project
Eastern Riverside County, California

Genesis Solar, LLC

November

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The Genesis Solar Energy Project received authorization to construct from the California Energy Commission (CEC) on September 29, 2010 and the US Bureau of Land Management (BLM) on November 4, 2010. In accordance with the California Energy Commission's (CEC) Condition of Certification (COC) number COMPLIANCE-6, please see the following report that summarizes compliance with CEC and BLM's requirements for pre-construction and construction activities for the month of November, 2011.

During the month of November, 2011, Project activities included:

- Ongoing design tasks and agency consultation:
- Worker's Environmental Awareness Training
- Well pump installation on Well #1 and Well #2
- Gravel placement in trailer city.
- Grading of Blocks number 1, 3, 5, 6, 7 and 8
- Compaction testing of Blocks 1, 3 and 5
- Continue work on Assembly Building Structure

All questions or concerns regarding the contents of this report should be directed to Charlyn Mosley at: 760-831-2651 or email charlyn.mosley@nexteraenergy.com

AQ-SC1: Air Quality Construction Mitigation Manager

Requirement: Submit to the CPM for approval the name, resume, and contact information for the on-site AQCM and all AQCM delegates.

A replacement AQCM delegate was submitted on September 30, 2011.

AQ-SC3: Construction Fugitive Dust Control; AQCM Monthly Reporting

Requirement: Submit AQCM compliance documentation.

Construction of the Genesis Solar Energy Project (Phase 1) continued in November with several operations occurring simultaneously. These operations and their progress between November 1 and 30 are listed below.

Operation	Activity Locations from November 1-30, 2011
Continue grading of Blocks 5, 6, 7 and 8	Genesis Site Task on-going
Block 6 and 8 cut and fill on-going	65% complete.
Begin ground work of Trailer Row	Genesis Site Task ongoing
MCI is working on Assembly building construction	Genesis Site Task ongoing
PSI on site to perform compaction test	Genesis Site Task ongoing
Final connections for Well 1 and 2 generator were completed and the well is online	Genesis Site Task 100% complete
Block 1 cut completed	Genesis Site Task 100% complete
Block 3 fill preparation complete	Genesis Site Task ongoing until Block 1 cut is complete
Block 5 cut complete	Genesis Site Task 100% complete
Block 7 fill	complete
Water analysis taken on wells during well tests	Genesis Site Task 100% complete
Blocks 2 and 4 cut and fill	Block 2 and 4 are on hold for cultural findings. Discussions regarding work progression in progress.

Air Quality issues: In accordance with Condition of Certification AQ-SC1 an authorized Air Quality Construction Mitigation Manager (AQCM) has been assigned to this project. As per AQ-SC2 an Air Quality Construction Mitigation Plan (AQCM) has been submitted and approved by the California Energy Commission (CEC).

Under the direction of the AQCM and as per the AQCM the following measures have been taken to maintain compliance:

- All workers have been instructed in fugitive dust prevention as part of their Workers Environmental Awareness Program training.
- Fugitive dust control mitigation measures have been a topic at contractor tailboard meetings once a week or more, depending upon weather conditions. During the month of November, wind gusts caused work stoppages and equipment slow downs.

- No vehicle shall exceed 10 mile per hour on unpaved areas within the construction site, with the exception that vehicles may travel up to 25 miles per hour on stabilized unpaved roads as long as such speeds do not create visible dust emissions.
- Speed limit signs are posted at the lay-down areas and along the access roads for the full length of the project.
- As per AQ-SC3 all soil piles have been treated with water and/or tackifier to reduce dust plumes during windy conditions.
- All roads have had water applied to them regularly to reduce dust plumes from moving vehicles.
- Areas where dirt roads intersect asphalt roads have had a 20' X 50' rock pad installed to reduce tracking onto the road.
- All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.
- No diesel equipment has been allowed to idle in excess of 5 minutes.

AQ-SC4: Dust Plume Response Requirement

Requirement: Submit information on dust plume observations, response, and list of equipment onsite.

As per AQ-SC4 a policy of fugitive dust monitoring has been put into place. In addition to the AQCMM, two biological monitors have been made Air Quality Construction Mitigation Manager Delegates. They have been given the authority to shut down work temporarily to inform the operators if they are creating excessive fugitive dust and to suggest ways to prevent further excessive fugitive dust generation. They are further instructed to inform the AQCMM of all such stoppages, and to follow up with further communications as to the measures the contractor has taken. If no measures are taken, they are to inform the AQCMM who will then shut the crew down. All slowdowns or work stoppages due to air quality concerns are recorded below, along with response taken to ameliorate Air Quality concerns.

Air Quality Construction Mitigation Plan : Fugitive Dust Response Record			
Date	Activity	Response	Duration
11/1/2011	Work stoppage due to high winds	Work stopped in morning due to extreme high winds	8 hours
11/11/2011	No work today	Holiday	8 hours
11/17/2011	Work limited to 4 scrapers	Cultural findings	8 hours
11/23/2011	Work stoppage	Due to cultural findings	8 hours

AQ-SC5: Diesel Engine Emissions - Monitoring and Reporting

Requirement: Submit compliance documentation for diesel emissions.

All diesel-powered equipment over 50 HP has been required to use ultra-low sulfur diesel and have been maintained in proper operating condition.

A list of all pieces of equipment used on this project is presented below. The equipment complies with the California Tier 3 standards for equipment above 50 hp.

No diesel equipment has been allowed to idle in excess of 5 minutes.

Please see attachment A for equipment lists and rating.

BIO-2: Designated Biologist

Requirement: Provide copies of all written reports and summaries that document biological resources compliance activities.

Weekly Biological Summary, 10/30/2011 – 11/5/2011

Ponding water issues were noted this week with mitigation measures enforced to prevent future ponding water.

Construction monitoring activities by the DB and BM were altered this week due to a 3 day kit fox den excavation as it went inactive per established protocol. On each of the 3 days for the excavations, the DB gave his own kit fox burrow excavation JHA safety briefing.

Near gale force winds causing severe blowing dust and reduced visibility forced a full shut down of grading operations one day this week. The Genesis team has a new site monitor whose responsibilities will include monitoring fugitive dust.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. There are 3 active dens; 17, 18 and 19.

Weekly inspection of the tortoise exclusion fence was performed.

Weekly Biological Summary, 11/6/2011 – 11/12/2011

Several pieces of heavy equipment had fugitive fluid leaks this week noted by the DB. The DB worked with the construction team to mitigate and initiate mitigating measures to prevent impacts to the environment.

Ponding water issues were mitigated with pro active procedures using scrapers in frequent rounds to drag soil and disperse water, and adding riprap to aid in downward percolation.

Discovery of a sick kit fox at den #17, initiated transportation of this animal to the Living Desert facility. On the way to the facility, the kit fox died and was then transported to the UC Davis facility for necropsy.

A biological Monitor has been assisting the DB throughout the week due to elevated activity on site and to continue monitoring of the fox dens.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

100% weekly exclusion fence perimeter was performed.

Weekly Biological Summary, 11/13/2011 – 11/19/2011

The DB and BM conducted daily wildlife clearance foot transects ahead of cut and operations per the schedule through block 4 from west to east. Also cleared was block 6.

Two new dens were discovered while performing clearance on Blocks # 6. A 75 foot buffer was erected around both dens.

Fugitive fluid leaks and ponding water were mitigated this week resulting in no leaks or spills, or ponding water. Rip-rap was laid under fill pad #1 to prevent ponding while filling water trucks for dust suppression.

There were 2 kit fox mortalities at den #17. Both foxes were taken to UC Davis facility for necropsy.

Daily checks of kit fox dens continued. There are 3 dens remaining. Collection of remote camera memory cards and photo documentation continues.

The tortoise perimeter exclusion fence was 100% checked.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

Weekly Biological Summary, 11/20/2011 – 11/26/2011

Due to the holiday, shutdowns occurred on November 23rd and 24th.

Grading of the commons area began this week. Additional equipment was brought on site for this activity including; 3 scrapers, 2 graders, dicing implements, a rubber tired dozer, high lift forklift, and 3 water trucks.

There were no significant fugitive leaks found this week. Numerous pieces of equipment is being repaired for hydraulic hoses and O rings.

An Off-site kit fox mortality was found this week. As a courtesy to the agencies, off-site monitoring of kit fox dens are performed daily.

DB and BM continue to ensure avoidance buffers and perform daily monitoring activities.

The tortoise perimeter exclusion fence was 100% checked.

No nesting birds, Burrowing owls, MFTL's, or Desert tortoises were observed.

BIO-4: Biological Monitors

Requirement: Submit copies of all written reports and summaries that document biological resources compliance activities, including those conducted by Biological Monitors.

See Appendix B.

BIO-7: Biological Resource Mitigation Implementation and Monitoring Plan

And

BIO-8: Impact Avoidance and Minimization Measures

Requirement: Submit compliance documentation for implementation of BRMIMP measures.

In order to remain in compliance with mitigation measures the Designated Biologist has been with construction crews at all times. Construction activity consisted of final UXO surveys, Geotechnical core sampling, backfilling with a small dozer rain erosion repairs to the integrity of the tortoise exclusion fence grounds, and placement of wildlife caution signs with required speed limit signs. Construction crews were reminded daily of environmental concerns. The temporary Centerline Road inside the exclusion fence as well as the access road in the linear corridor was checked daily for road kill.

Compliance activities have included:

- Advising the Project Owner and Contractors on the implementation of the Biological Resource Conditions of Certification;
- Schedule and deploy the appropriate number of qualified biological monitors
- Supervising or conducting monitoring, and other biological resources compliance efforts, particularly in areas requiring avoidance or containing sensitive biological resources and special status species;
- Conducting biological clearance surveys;
- Informing the Project Owner and Contractors of any remedial measures necessary;
- Surveying ahead of construction to identify sensitive resources and clear the area prior to construction equipment entry;
- Monitoring construction activities in specific areas for biological resource issues,
- Maintaining a daily log of monitoring events;
- Inspect areas of active construction at beginning and end of day for trapped animals;
- Inspect areas of high traffic activity for animals in harm's way;
- Evaluating new temporary use areas for biological resources;
- Notifying Owner of any observed incidents and problem areas; and
- Temporarily halting construction activities as needed to protect animals in the path of equipment.

Included in Appendix B

BIO-9: Desert Tortoise Clearance Surveys and Fencing

Requirement: Submit compliance documentation for all survey and fencing activity.

No repairs to the fence itself were required. Currently the DB and the BM are onsite during construction activity, surveying ahead of any equipment where monitoring is required.

No tortoises were observed within the fenced site and a 100% perimeter exclusion fence check was conducted as required weekly in November.

BIO-11: Desert Tortoise Compliance Verification

Requirement: Submit results of Monthly Compliance Inspections to CPM, BLM, USFWS, and CDFG.

All mitigation management measures have been complied with. Compliance with BIO -4 and BIO-8 is achieved by monitoring all site mobilization activities, construction-related ground disturbance, and other construction activities. All construction workers are reminded regularly of

the need to check under vehicles, do not litter or cast off food, and to look out for sensitive species while driving in the access roads.

BIO-15: Pre-Construction Nest Surveys and Avoidance Measures

The 30 day pre-construction nest survey requirement expired on July 31st for migratory birds. No nests were discovered in the month of November so avoidance measures were not applicable.

BIO-17: Kit Fox Impact Avoidance, Minimization, and Compensation Measures

Desert Kit Fox den monitoring will be performed by the DB and the BM.

Monitoring of the Desert Kit Fox (*Vulpes macrotis*) dens is on-going. There are currently 3 dens in the solar fields.

Den 17 is inactive and ready for excavation.
Den 18 and 19 are new finds and active.

Individual Den Status:

Den 5: excavated

Den 8: excavated

Den 17: inactive, needs excavation.

Den 18: inactive, needs excavation

Den 19: inactive needs excavation

No Desert Tortoises (*Gopherus agassizi*) or sign was observed during construction activities.

The Desert Tortoise, Desert Kit Fox, and American Badger Plant Site Clearance Survey Report were submitted to the CEC.

BIO-18: Burrowing Owl Impact Avoidance, Minimization, and Compensation Measures

Requirement: Submit burrowing owl mitigation compliance documentation.

No Burrowing Owls (*Athene cunicularia*) or sign was observed at the project site or during construction activities.

BIO-19: Special-Status Plant Impact Avoidance, Minimization and Compensation

Requirement: Submit compliance documentation of special-status plant avoidance and minimization measures.

No special status plants have been observed during construction monitoring. ESA's were checked to ensure stakes and signs are in place. Revegetation of the south access road was completed by the designated biologist, Alice Karl. Continued monitoring of the plant status and road access is completed weekly.

BIO-22: Mitigation for Impacts to State Waters

Requirement: Submit status of work in Waters of the State.

Construction of the well site access road has crossed several ephemeral drainages. At the drainage location, soil piles are removed and/or leveled to prevent disruption of any potential flow. No rain events

have resulted in flow of any channel to date during construction. Erosion control devices (silt fence, straw wattles, etc) are stock piled on site and will be installed as needed.

BIO-6, CUL-7, and PAL-4: Worker Environmental Awareness Program (WEAP)

Requirement: Submit past 30d of training records.

Workers Environmental Awareness Program

Every person employed or present on the ROW, including specialty subcontractor personnel, has been instructed in environmental compliance through the Workers Environmental Awareness Program; which includes a training video and verbal instruction. In each case the new employee has signed a roster providing proof of his/her participation and received a hard-hat sticker to provide job-site training verification. In the month of September, 30 people participated in the WEAP training. Training rosters are maintained at the project environmental office.

See Appendix C

CUL-8: Construction Monitoring Program

Requirement: Submit report of any noncompliance.

There were no compliance events this month.

Requirement: Submit a summary report of construction-related monitoring and any new DPR 523A forms.

All other ground disturbing activities on site were observed by our resident Cultural Resources Monitor and Native American Monitors. There were historic/prehistoric isolates observed in the month of November, items are being cataloged and curate as per the CRMMIP .

CUL-13: Flag and Avoid

Requirement: Submit compliance documentation regarding flagging inspections.

Exclusion zones associated with cultural resource locations have been re-flagged as necessary and are inspected regularly for integrity.

SOIL&WATER-1: Drainage Erosion and Sedimentation Control Plan

Requirement: Submit documentation regarding compliance with DESC.

Disturbance activity associated with fence installation; all drainages crossed are located, soil removed and/or leveled to allow potential flow in the event of rain event. No other activity at this time.

TRANS-2: Vehicle Weight Limits

Requirement: Report permits received from Caltrans and/or County for overweight or oversized vehicles and any other necessary transportation permits.

No oversize or special permitted loads delivered to the site for the reporting period.

TRANS-3: Public ROW Encroachment

Requirement: Report encroachment permits received from Caltrans and/or County.

On going meetings with Caltrans to reach resolution with the entrance road tie in at the Wiley's Well Rest Area. A resolution has not been reached with Caltrans, the project is moving forward to design and develop the encroachment area in question. Three options were given to Caltrans to choose from, they are still reviewing the designs.

TRANS-4: Hazmat Transport Permits/Licenses

Requirement: Report hazardous material transport permits received.

Earliest delivery anticipated fall 2012.

WASTE-6: Hazardous Waste Generator Identification Number

Requirement: Submit identification number following receipt or a new number or modification of an existing number.

Application and request is currently being processed

WORKER SAFETY-3: Construction Safety Supervisor - Staff Assignment

Requirement: Submit compliance documentation and inspection approvals.

A Construction Safety Supervisor has been assigned and continues to provide safety training, monitoring, and inspections. There were no reportable accidents during this work period. A site visit and audit was conducted by the Bureau Veritas Safety Supervisor. Weekly bulletins and contractor audit inspection sheets are enclosed in Attachment F.

GEN-2: PRS Facility Design Submittals to CBO and CPM

Requirement: Include updated schedule of facility design submittals, and master drawing and master specifications.

The approved and reviewed drawings, designs and specifications are attached in Appendix D

GEN-3: CBO Payments

Requirement: Submit a copy of the CBO receipt of payment to the CPM indicating that applicable fees have been paid.

No fees were paid to the CBO during this reporting period.

GEN-6: Special Inspector(s) - Staff Assignment

Requirement: Submit a copy of CBO approval of the qualifications of all special inspectors.

No additional inspectors have been approved during this reporting period.

GEN-7: Facility Design Discrepancy Documentation

Requirement: Submit a copy of CBO approval of any corrective action taken to resolve a discrepancy.

No discrepancies reported this month.

GEN-8: As-builts, CBO Notification of Completion and Compliance

Requirement: Submit a copy of statement of work completed.

See Appendix D

CIVIL-1: CBO Submittals- Drainage and Grading, Statement of Submittal

Requirement: Submit a copy of CBO approval.

See Appendix D

CIVIL-3: CBO Inspection of 2007 CBC Compliance

Requirement: Submit list of noncompliance reports.

See Appendix D

CIVIL-4: Final Grading Plans - CBO Submittal

Requirement: Submit a copy of CBO approval of grading plans.

See Appendix D

STRUC- 1: CBO Submittals - Major Structure or Facility Design Component, Statement of Submittal

Requirement: Submit a copy of a statement from CBO that structural plans, specifications, and calculations have been approved and comply with engineering LORS.

See Appendix D

STRUC-3: CBO Submittal - Design Changes, Revised Drawings, Specifications, Calculations

Requirement: Submit notification that the CBO has approved the revised plans.

See Appendix D

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials

Requirement: Submit copies of the CBO approvals of plan checks.

See Appendix D

MECH-1: CBO Submittal - Plan Piping and Plumbing System, Final Design Specifications and Calculations

Requirement: Submit a copy of transmittal letter to CBO.

See Appendix D

MECH-2: CBO and Cal-OSHA Submittal - Pressure Vessel

Requirement: Submit a copy of CBO inspection approvals.

See Appendix D

ELEC-1: CBO Submittal - Electrical Equipment and Systems

Requirement: Submit:

1. Receipt or delay of major electrical equipment;
2. Testing or energization of major electrical equipment; and
3. A signed statement by the registered electrical engineer certifying that the proposed final design plans and specifications conform to requirements set forth in the Energy Commission decision.

No Electrical activities have taken place in the month of November.

PAL-5: PRS Monitoring and Stop Work Authority

Requirement: Submit a summary of paleontological monitoring activities and finds.

SWCA's Paleontological Resources Monitor (PRM) monitored geotechnical boring activities, scraping and grading in the Common Area and Assembly Building excavations occurring deeper than 1.5 feet. SWCA's PRM was on-site November 1st through November 30. There were a few paleontological resources discovered, causing stop work issues and sensitive findings which resulted in 2 days of work stoppages. Discussions and meetings between the Native American Tribes and the agencies occurred. No resolve has resulted in November. Continued discussions will be planned in December.

TSE-1: CBO and CPM Submittal - Schedule of Design Submittals

Requirement: Submit schedule updates.

See Appendix D

TSE-4: CBO Submittal – Power Plant Switchyard, Outlet Line and Termination Design Plans

Requirement: Submit a copy of the transmittal letter of final design plans.

No activities have taken place.

Requirement: Include in the monthly compliance report: a) receipt or delay of major electrical equipment; b) testing or energization of major electrical equipment; and c) the number of electrical drawings approved, submitted for approval, and still to be submitted.

No delay submissions have taken place this month

COMPLIANCE-5 - Compliance Matrix

Requirement: Submit a compliance matrix along with each monthly report.

The Compliance Matrix is enclosed

COMPLIANCE-6 - Compliance Matrix

Requirement: Provide a listing of any filings submitted to, or permits issued by, other governmental agencies during the month.

Compliance Matrix

#	Agency	Pre-con	Const	Ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Submitted to Agency	Agency Status	Documentation On Hand Y/N	Internal Comments	Operational Ongoing Cost		
48	CEC		X		AC-15	HTF Usage/Exp. Tanks - Annual Reporting.	Retain all annual test records for 5 yrs. Includes UltraSonic emission rate caps compliance documentation in Annual Report.	Operations	Ongoing 5 yrs								
49	CEC		X		AC-16	HTF Usage/Exp. Tanks - Emission rate logs	Maintain emission rates below specified volumes.	Operations	Annually								
50	CEC		X		AC-16	HTF Usage/Exp. Tanks - Emission rate logs	Maintain emission rates below specified volumes.	Operations	Ongoing								
51	CEC		X		AC-17	HTF Usage/Exp. Tanks - Regulated Substances	Submit a Compliance Plan of the HTF or hazardous substances to the District and CMTI for review. Submit non-hazardous substances in the HTF to the District and CMTI for review. Submit hazardous substances in the HTF to the District and CMTI for review. Submit a Compliance Plan of the HTF or hazardous substances to the District and CMTI for review.	Floor / Operations	Ongoing								
52	CEC		X		AC-18	Equipment Operation, Application	Oversee cooling towers in compliance with all district and CMTI specifications. Submit test and emissions calculation packets.	Operations	Ongoing								
53	CEC		X		AC-19	Control Towers	Oversee cooling towers in compliance with all manufacturer specifications. Submit test and emissions calculation packets.	Operations	Ongoing								
54	CEC		X		AC-20	Drift Eliminator Monitoring and Reporting	Comply with drift rate emissions cap (see 48E law).	Operations	Ongoing								
55	CEC		X		AC-20	Drift Eliminator Monitoring and Reporting	Submit manufacturer guarantee data for the drift eliminator. Submit test and emissions calculation packets.	Floor	> 300 pt cooling tower operation	31-Mar-13							
56	CEC		X		AC-20	Control Towers	Submit test and emissions calculation packets.	Operations	Annually								
57	CEC		X		AC-22	Water Testing Protocol - Cooling Tower	Submit test and emissions calculation packets.	Floor	> 500 pt testing								
58	CEC		X		AC-23	Operating Time Restrictions - Cooling Tower	Submit compliance documentation with Annual Report.	Operations	Annually								
59	CEC		X		AC-23	Operating Time Restrictions - Cooling Tower	Do not operate for more than 2,000 hours per cooling tower month period and more than 15 hours per calendar day.	Operations	Ongoing								
60	CEC		X		AC-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log for 5 years.	Operations	Ongoing								
61	CEC		X		AC-24	Maintenance and Operation Log - Cooling Tower	Maintain operations log for 5 years.	Operations	Ongoing								
62	CEC		X		AC-25	Drift Eliminator Maintenance Procedures	Maintain test and emissions calculation packets.	Operations	Ongoing								
63	CEC		X		AC-28	Equipment Operation Manufacturer Specifications - 341 HP generators	Oversee operations in compliance with all manufacturer specifications. Submit test and emissions calculation packets.	Operations	Ongoing								
64	CEC		X		AC-27	Fuel Restrictions - 341 HP generators	Use only ultra-low sulfur diesel fuel. Retain test purchase records.	Operations	Ongoing								
65	CEC		X		AC-28	Elapsed Operating Time Meter - 341 HP generators	Install a non-resettable hour meter on the unit to indicate elapsed operating time to District and CMTI the specifications of the hour meter.	Floor	> 300 pt installation								
66	CEC		X		AC-29	Operations and Maintenance log - 341 HP generators	Maintain an operations log for a minimum of two years.	Operations	Ongoing								
67	CEC		X		AC-30	Operations and Maintenance log - 341 HP generators	Use limited to emergency power. Operate no more than 50% of the specifications of the hour meter.	Operations	Ongoing								
68	CEC		X		AC-30	Operations and Maintenance log - 341 HP generators	Maintain an operations log for a minimum of two years.	Operations	Ongoing								
69	CEC		X		AC-30	Operations and Maintenance log - 341 HP generators	Maintain test and emissions calculation in Annual Report.	Operations	Annually								
70	CEC		X		AC-30	Operations and Maintenance log - 341 HP generators	Maintain test and records available for inspection by representatives of the District, ARB, and the Energy Commission.	Operations	Ongoing								
71	CEC		X		AC-31	Emergency Power Usage - 341 HP generators	Do not use generators during a voluntary power outage or reduction.	Operations	Ongoing								
72	CEC		X		AC-32	Emergency Power Usage - 341 HP generators	Operate generators < 30 minutes at ordered outage. Shut down generators after advised that the outage is no longer imminent or in effect.	Operations	Ongoing								
73	CEC		X		AC-33	ATCM Compliance - 341 HP generators	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing								
74	CEC		X		AC-34	NGPS Compliance - 341 HP generators	Submit the engine specifications regarding NGPS and ARB/ATCM to the District and CMTI for review. Submit test and emissions calculation packets.	Floor	> 300 pt purchase	30-Jun-11				purchase schedule assumed June (TP)			
75	CEC		X		AC-34	NGPS Compliance - 341 HP generators	Submit test and emissions calculation packets.	Operations	Ongoing								
76	CEC		X		AC-35	Equipment Operation Compliance - 315 HP fire pump engines	Install, operate and maintain equipment in accordance with manufacturer recommendations and with all data and specifications of the equipment.	Floor / Operations	Ongoing								
77	CEC		X		AC-36	Fuel Restrictions - 315 HP fire pump engines	Use only ultra-low sulfur diesel fuel for equipment.	Operations	Ongoing								
78	CEC		X		AC-37	Elapsed Operating Time Meter - 315 HP fire pump engines	Install a non-resettable hour meter on the unit to indicate elapsed engine operating time. Provide the District and the CMTI the specifications of the hour meter.	Floor	> 300 pt installation								
79	CEC		X		AC-38	Operations and Maintenance log - 315 HP fire pump engines	Maintain an operations log for this unit current and on-call, for 5 yrs.	Operations	Ongoing								
80	CEC		X		AC-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Operations	Annually	1-May-13							
81	CEC		X		AC-39	Operations and Maintenance log - 315 HP fire pump engines	Submit compliance documentation in Annual Report.	Operations	Annually								
82	CEC		X		AC-40	NGPS Compliance - 315 HP fire pump engines	Operate and maintain equipment in accordance with ATCM for Stationary Compression Ignition Engines.	Operations	Ongoing								
83	CEC		X		AC-41	NGPS Compliance - 315 HP fire pump engines	Operate and maintain equipment in compliance with requirements of the NGPS for Stationary Compression Ignition Internal Combustion Engines.	Operations	Ongoing								
84	CEC		X		AC-41	NGPS Compliance - 315 HP fire pump engines	Submit test and emissions calculation packets.	Floor	> 300 pt purchase	30-Jun-11				purchase schedule assumed June (TP)			
85	CEC		X		AC-42	Gas tank and pump - inspection and testing	Maintain an inspection, repair and maintenance log on file for at least 5 years.	Operations	Ongoing	14-May-13							
86	CEC		X		AC-43	Gas tank and pump - inspection and testing	Submit test and emissions calculation packets.	Floor / Operations	Ongoing								
87	CEC		X		AC-44	Gas tank and pump - inspection and testing	Equip the vapor vent with Husky 3000 pressure relief valve or a pressure relief valve approved by EOC.	Floor / Operations	Ongoing								
88	CEC		X		AC-44	Gas tank and pump - inspection and testing	Perform pressure, leak and liquid removal tests annually. Document test data on a form similar to EOC ITC-40-1A Form 1.	Operations	< 300 after construction completion	25-Aug-14							
89	CEC		X		AC-45	Gas tank and pump - initial and annual testing	Submit results of pressure checks.	Operations	< 300 after test								
90	CEC		X		AC-45	Gas tank and pump - initial and annual testing	Perform pressure, leak and liquid removal tests within 30 days of construction completion. Document test data on a form similar to EOC ITC-40-1A Form 1.	Operations	Annually								
91	CEC		X		AC-46	Gas tank and pump - initial and annual testing	Maintain test results available to CMTI upon request.	Floor	Ongoing								
92	CEC		X		AC-46	Gas tank and pump - initial and annual testing	Notify District of testing. (initial and annual)	Operations	< 100 prior to test								
93	CEC		X		AC-46	Gas tank and pump - initial and annual testing	Submit testing test reports to District.	Operations	< 6w pt expiration of permit								

#	Agency	Pre-con	Cont	Ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Submitted to Agency	Agency Status	Documentation On Hand Y/N	Internal Comments	Operational Ongoing Cost	
96	CEC	X	X		AQ-47	Gas tank and pump - aboveground tank and vapor recovery system in compliance with California Health and Safety Code.	Install and maintain aboveground storage tank and vapor recovery system in compliance with California Health and Safety Code.	Flur / Operations	Ongoing							
97	CEC	X	X		AQ-48	Gas tank and pump - certified technicians	Maintenance and repair of system components shall be performed by OPIV Certified Technicians.	Operations	Ongoing							
98	CEC	X	X		AQ-49	Gas tank and pumps - maintenance	Maintenance shall be conducted by an OPIV trained technician.	Operations	Annually							
100	CEC	X	X		AQ-51	Gas tank and pumps - EVR phase I and II	Maintain the EVR Phase I in compliance with CARB Executive Order YR-031-A, and Phase II vapor recovery in accordance with CCR-1155-F.	Operations	Ongoing							
101	CEC	X			BIO-1	Designated Biologist - staff assignment	Assign Designated Biologist	AECOM/Thomas	> 30d pr pd	17-Dec-10	07/20/10	Approved 10/20/10				
102	CEC	X			BIO-2	Designated Biologist - responsibilities	Review documentation of biological resources compliance in the Monthly Compliance Reports.	AECOM/Thomas	Monthly	Monthly	07/20/10	Approved 10/20/10				
103	CEC	X			BIO-2	Designated Biologist - responsibilities	Designated Biologist - responsibilities	AECOM/Thomas	Annually	Annually						
104	CEC	X	X		BIO-2	Designated Biologist - responsibilities	Oversee survey efforts for sensitive bio resources; Mark sensitive biological resource areas and inspect regularly.	AECOM/Thomas	Ongoing	nis	nis	nis				
105	CEC	X	X		BIO-2	Designated Biologist - responsibilities	Submit BRMMP compliance summary reports in Annual Compliance Report.	AECOM/Thomas	Ongoing							
106	CEC	X			BIO-3	Biological Monitors - Staff assignment	Assign the monitors and submit training verification	AECOM/Thomas	> 30d pr pd	17-Dec-10	10-Dec-10	Approved (various dates)				
107	CEC	X			BIO-3	Biological Monitors - Staff assignment	Submit information on field log book locations, if needed.	AECOM/Thomas	> 30d pr pd							
108	CEC	X	X		BIO-4	Biological Monitors - responsibilities	Assign a bio monitor during operations if any station could affect a bio resource.	AECOM/Thomas	Ongoing							
109	CEC	X	X		BIO-4	Biological Monitors - responsibilities	Assist with survey site in monitoring of site mobilization activities.	AECOM/Thomas	at construction	Ongoing						
110	CEC	X	X		BIO-4	Biological Monitors - responsibilities	Include BIO-4 compliance documentation in Monthly Compliance Report.	AECOM/Thomas	Monthly	Monthly						
111	CEC	X	X		BIO-5	Designated Biologist and Biological Monitor Authority	Biologists assist DB with surveys and monitoring disturbance.	AECOM/Thomas	Ongoing							
112	CEC	X	X		BIO-5	Designated Biologist and Biological Monitor Authority	DB bio to notify appendix I if there is a stop work order.	AECOM/Thomas	Ongoing							
113	CEC	X	X		BIO-6	Worker Environmental Awareness Program (WEAP)	Prepare and Submit WEAP (including trainer resume).	AECOM/Thomas	> 30d pr pd	17-Dec-10	3-Dec-10	Comments received 12/20/10				
114	CEC	X	X		BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct training annually for perm, employees and within one week of starting new tasks.	Operations	Annually							
115	CEC	X	X		BIO-6	Worker Environmental Awareness Program (WEAP)	Submit training records in the Monthly Compliance Report.	Flur	Monthly							
116	CEC	X	X		BIO-6	Worker Environmental Awareness Program (WEAP)	Conduct WEAP training to all crane personnel within one week of starting new tasks. Submit up a completion form and display a handout folder. Keep training forms on file.	Flur	Ongoing							
117	CEC	X	X		BIO-7	Worker Environmental Awareness Program (WEAP)	Submit Risk WEAP	Tetra Tech	> 30d pr pd	03-Jan-11	14-Jan-11	Approved 1/14/11				
118	CEC	X	X		BIO-7	Worker Environmental Awareness Program (WEAP)	Keep signed training forms on file for 30m after start of operations.	Operations	> 6m Operations	14-May-13						
119	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit the revised or supplemented BRMMP.	Operations	< 10d of receipt of addendum							
120	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit Draft BRMMP	Tetra Tech	> 30d pr site mobilization	17-Dec-10	22-Nov-10	Comments received 12/21/10				
121	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Conduct Aerial Surveys and submit pre-plant photos for review	Tetra Tech	after construction completion	2-Jan-11	10-Jan-11	pending				
122	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit any outstanding permits within 5 days of receipt and review	Flur	< 60d after construction completion	29-Sep-14						
123	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Include BIO-7 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly							
124	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit final BRMMP.	Tetra Tech	Monthly							
125	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Submit to the CHM a Construction Termination Report.	Tetra Tech	> 7d pr pd	18-Jun-11	18-Jun-11	Approved 11/20/11				
126	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	If an active bid need to be selected, submit Neighb. Bid Monitoring and Management Plan.	Tetra Tech	< 30d after construction completion	30-Jul-14						
127	CEC	X	X		BIO-7	Biological Resources Mitigation Implementation and Monitoring Plan	Speed limit = 20 mph on all dirt roads and 45 mph on all paved roads.	Tetra Tech	Ongoing							
128	CEC	X	X		BIO-8	Impact Avoidance and Minimization Measures	Post 1/2 inch tall signs at entrances and wildlife signs at potential crossing areas.	Flur	Ongoing							
129	CEC	X	X		BIO-8	Impact Avoidance and Minimization Measures	Water - prevent puddles from forming. Bio Monitor must patrol areas washed outside fence to ensure no puddles form.	Flur	Ongoing							
130	CEC	X	X		BIO-8	Impact Avoidance and Minimization Measures	Use non-toxic salt bonding and weighting agents on unpaved areas.	Flur	Ongoing							
131	CEC	X	X		BIO-8	Impact Avoidance and Minimization Measures	Eng Project boundary in consultation with the BLD and continue all debris and vehicles to which boundary - PHASE 1	Flur	at construction	24-Sep-11		Completed				
132	CEC	X	X		BIO-8	Impact Avoidance and Minimization Measures	Eng Project boundary in consultation with the BLD and continue all debris and vehicles to which boundary - PHASE 2	Flur	at construction	10-Jan-11		Completed				
133	CEC	X	X		BIO-9	Impact Avoidance and Minimization Measures	Include BIO-9 compliance documentation in Annual Compliance Report.	Flur	Annually							
134	CEC	X	X		BIO-9	Impact Avoidance and Minimization Measures	Include BIO-9 compliance documentation in Monthly Compliance Report.	Tetra Tech	Monthly							
135	CEC	X	X		BIO-9	Impact Avoidance and Minimization Measures	Post facility lighting to prevent glare casting of light towards wildlife habitat.	Tetra Tech	Monthly							
136	CEC	X	X		BIO-9	Impact Avoidance and Minimization Measures	Immediately clean up and properly dispose of all hazardous materials, spills and any contaminated soil.	Flur	Ongoing							

#	Agency	Pre-con	Consul	Ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Date Final Date	Date Submitted to Agency	Agency Status	Denatification On Hand Y/N	Internal Comments	Operational Ongoing Cost	
166	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Finalization is not completed 30d of pd, post security for funding.	NextEra	> 30d of pd	1-Apr-11	17-Dec-10	Submitted	NA		look at table of approvals		
167	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Notify (written) CPM of activity commencement. Phase I	Tetra Tech	> 30d of pd	2-Apr-11	2-Apr-11	Submitted	NA				
168	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Submit a Preliminary This Report, initial hazardous materials survey report, Remedial Analysis for compensation land.	Tetra Tech	< 30d after CPM approval								
169	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Finalize and finalize this to the compensation lands.	NextEra	< 30d after CPM approval								
170	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Acquire and finalize this to the compensation lands.	Fluor	< 180d after acquisition	1-Nov-11	1-Nov-11	Complete	Complete				
171	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Alternative compensation risk assessment needs to be completed.	Fluor	< 180d after acquisition	1-Nov-11	1-Nov-11	Complete	Complete				
172	CEC	x			BO-12	Desert Tortoise Compensatory Mitigation	Submit a Management Plan for Compensation Lands.	Fluor	< 30d after acquisition	1-Nov-11	1-Nov-11	Complete	Complete				
173	CEC	x			BO-13	Raven Management Plan	Submit a status report of the Raven Management Plan.	Fluor	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
174	CEC	x			BO-13	Raven Management Plan	Submit a status report of the Raven Management Plan.	Fluor	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
175	CEC	x			BO-13	Raven Management Plan	Submit a status report of the Raven Management Plan.	Fluor	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
176	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
177	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
178	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
179	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
180	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
181	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
182	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
183	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
184	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
185	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
186	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
187	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
188	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
189	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
190	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
191	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
192	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
193	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
194	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
195	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
196	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				
197	CEC	x			BO-14	Wired Management Plan	Submit a status report of the Wired Management Plan.	Alco Karl	< 30d after start of operation	1-Jun-11	1-Jun-11	Complete	Approved 12/11				

#	Agency	Pre-son	Const	Ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Final Due	Date Submitted/Amended	Agency Status	Documentation On Hand Y/N	Internal Comments	Operational Ongoing Cost		
185	CEC	X	X		BO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measure	If an active owl burrow is located: Provide investigation and compensation in the form of a mitigation. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	17-Dec-10	23-Dec-10	NA						
187	CEC		X		BO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measure	Use active owl burrows to submit Burrowing Owl Mitigation Report. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	30-May-13								
193	CEC	X			BO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measure	Use active owl burrows to submit Burrowing Owl Mitigation Report. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	17-Dec-10	17-Dec-10	Approved 1/11/11						
195	CEC	X			BO-18	Burrowing Owl Impact Avoidance, Minimization and Compensation Measure	Use active owl burrows to submit Burrowing Owl Mitigation Report. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	17-Dec-10	17-Dec-10	Approved 1/12/11						
200	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If Distribution Study is implemented as contingency mitigation, complete implementation within 2y of start of construction.	Terra Tech	< 2m after start of construction	5-Jan-10								
200	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	If Distribution Study is implemented as contingency mitigation, complete implementation within 2y of start of construction.	Terra Tech	< 2m after start of construction	15-Jul-11								
201	CEC	X			BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency mitigation is required post-occupancy for special-status plants. Submit a Construction Termination Report identifying status of owl mitigation.	NextEra	> 30d pt construction-related	17-Dec-10	NA	NA			no compensatory mitigation required			
202	CEC	X			BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency mitigation is required post-occupancy for special-status plants. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	22-Oct-10		Amended 11/22/10						
204	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit Security Reports for each year of implementation and monitoring of the Habitat Enhancement/Restoration Plan.	Terra Tech	> 30d pt construction-related									
205	CEC	X			BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit the Final Summary of Burrowing Owl Survey Report.	Terra Tech	> 30d pt construction-related	17-Dec-10	NA	NA			NA - no live plants were found during the surveys. Live to CEC sent on 10/22/11 for fulfillment (see resolution)			
206	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit the Final Summary of Burrowing Owl Survey Report.	Terra Tech	< 2m after start of construction	15-Jul-11					NA - no live plants were found during the surveys. Live to CEC sent on 10/22/11 for fulfillment (see resolution)			
207	CEC	X			BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Submit the Final Summary of Burrowing Owl Survey Report.	Terra Tech	> 30d pt construction-related	17-Dec-10	NA	NA			NA - no live plants were found during the surveys. Live to CEC sent on 10/22/11 for fulfillment (see resolution)			
208	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Notify agencies immediately if a State- or Federal-Listed Species, or BLM Sensitive Species is identified at any time during the life of the Project.	Terra Tech	> 30d after excavation									
209	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency Mitigation: Deposit the required funds and submit Status and Distribution Post Funds for selected mitigation.	NextEra	< 18m after start of gd	9-Jul-12								
210	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency Mitigation: Submit a formal acquisition proposal and land management plan.	NextEra	< 18m after start of gd									
211	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency Mitigation: Submit a formal acquisition proposal and land management plan.	Terra Tech	> 30d pt construction-related									
212	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Submit compliance documentation of special-status plant avoidance and minimization measures in the Monthly Compliance Reports.	Terra Tech	Monthly	Monthly	n/a							
213	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Mitigation: Complete acquisition and submit verification.	Terra Tech	< 18m after start of gd	9-Jul-12								
214	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Habitat Enhancement: Initiate activities > 12m from the start of construction.	Terra Tech	< 15m after start of construction	12-Jan-12								
215	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Contingency Mitigation: Submit any agreements with an approved, designated third party.	Terra Tech	> 30d pt construction-related									
216	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If needed, initiate study 6m after gd.	Terra Tech	< 18d after gd	15-Jul-11								
218	CEC	X	X		BO-19	Special-Status Plant Impact Avoidance, Minimization and Compensation	Status and Distribution: If needed, submit draft and final study within 24m and 30m after gd, respectively.	Terra Tech	< 2m after start of gd	5-Jun-13								
219	CEC	X	X		BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Select, install and maintain ECCs such that special-status plants are not directly or indirectly affected (weed mites, leaf, canker).	Fluor	Ongoing									
219	CEC	X			BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Assign a Designated Botanist.	Terra Tech	none	none	2/2/2010	Approved 10/18/10						
220	CEC	X			BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Use active owl burrows to submit Burrowing Owl Mitigation Report. Submit a Construction Termination Report identifying status of owl mitigation.	Terra Tech	> 30d pt construction-related	17-Dec-10	17-Dec-10	Approved 1/11/11						
222	CEC	X			BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Establish and track boundaries for ECCs at start of any ground or vegetation-clearing activities.	Terra Tech	pt gd	19-Jan-11	19-Jan-11	Completed	NA					
223	CEC	X	X		BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbances activities weekly.	Terra Tech	Weekly	17-Jun-11								
224	CEC	X			BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Incorporate site design modifications to minimize impacts to special-status plants along the Project linear.	Fluor										
225	CEC	X	X		BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbances activities weekly.	Deciden	Ongoing, this task is in the daily weekly O&M reports, included in the monthly compliance reports.									
226	CEC	X	X		BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Maintain a 100-ft buffer around ECCs (vehicles, wash stations, storage equipment, etc).	Deciden	Ongoing									
227	CEC	X	X		BO-19-A	Special-Status Plant Impact Avoidance, Minimization and Compensation	Protect special-status plants within 100ft of site boundaries from drift of herbicides and stabilizer.	Deciden, Keri, and operations	Ongoing, Re-vegetation to begin middle of October.									
230	CEC	X			BO-19-B	Special-Status Plant Impact Avoidance, Minimization and Compensation	If a special-status plant is found, record extent of population using GPS. Assess the extent of the species (qualitatively) within one mile of Project boundaries.	Keri, Darden	pt construction	16-Jan-11	NA	NA						
231	CEC	X			BO-19-B	Special-Status Plant Impact Avoidance, Minimization and Compensation	Designated Botanist: monitor disturbances activities weekly.	Terra Tech	pt construction	16-Jan-11	NA	NA						
232	CEC	X			BO-19-C	Special-Status Plant Impact Avoidance, Minimization and Compensation	Collect seeds from special-status plants and bring to long-term storage prior to construction.	Terra Tech	pt construction	16-Jan-11	NA	NA						

#	Agency	Person	Consent	COG	Title	Description	Responsibility	COG Verification	Internal Data	Date Final Date	Date Submitted to Agency	Agency Status	Documentation On Hand Y/N	Internal Comments	Operational Ongoing Cost
370	CEC	X		NOISE-1	Resident Noise Survey	Post measures to verify for noise compliance at the site during construction. Submit relevant and documentation of compliance to CPM.	Fluor	Ongoing							
371	CEC	X		NOISE-1	Resident Noise Survey	Document, investigate, evaluate, and attempt to resolve all project related individual noise complaint.	Fluor / Operations	Ongoing			14-Jan-11				
372	CEC	X	X	NOISE-2	Noise Complaint Process	Submit relevant and documentation of compliance to CPM.	Fluor / Operations	Ongoing							
373	CEC	X	X	NOISE-2	Noise Complaint Process	Control individual noise complaint.	Fluor / Operations	Ongoing							
374	CEC	X	X	NOISE-2	Noise Complaint Process	Control individual noise complaint.	Fluor / Operations	Ongoing							
375	CEC	X	X	NOISE-3	Noise Control Program	Submit the Noise Control Program to CPM upon request.	Fluor / Operations	Ongoing							
376	CEC	X	X	NOISE-3	Noise Control Program	Submit the Noise Control Program to CPM upon request.	Fluor / Operations	Ongoing							
377	CEC	X	X	NOISE-4	Occupational Noise Survey	Conduct an occupational noise survey.	Operations	Ongoing			30-Nov-10	Approved 12/20/10			
378	CEC	X	X	NOISE-4	Occupational Noise Survey	Make the report available to CMAA and CalOCHA upon request.	Operations	Ongoing							
379	CEC	X	X	NOISE-4	Occupational Noise Survey	Make the report available to CMAA and CalOCHA upon request.	Operations	Ongoing							
380	CEC	X	X	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d after inst.		2-Apr-11	Permit 30471, Draft 3/24/11				
381	CEC	X	X	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d after inst.		22-Dec-10	27-Dec-10	Approved 12/11/11			
382	CEC	X	X	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d after inst.							
383	CEC	X	X	Soil & Water-1	Drainage Erosion and Sedimentation Control Plan	Submit final Drainage Erosion and Sedimentation Control Plan.	Fluor	> 30d after inst.							
384	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing		20-Jun-10					
385	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
386	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing		30-Apr-11					
387	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
388	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
389	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
390	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
391	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
392	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
393	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
394	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
395	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
396	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
397	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
398	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
399	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
400	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
401	CEC	X	X	Soil & Water-2	GW Level Monitoring, Mitigation and Reporting	Map groundwater levels within the CIGD within 10 miles of the site. Update trend plots and statistical analysis, as data is available.	Worley Parsons	Ongoing							
402	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
403	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
404	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
405	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
406	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
407	CEC	X	X	Soil & Water-3	Groundwater Well Impact Compensation	Submit all calculations, calculation spreadsheets, letters signed by the well owners, and contact information to landowners that do not agree with calculations.	Worley Parsons	Ongoing							
408	CEC	X	X	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and permit conditions.	Fluor	> 30d after GW well construction		1-Apr-11					
409	CEC	X	X	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and permit conditions.	Fluor	> 30d after GW well construction		16-Jul-11					
410	CEC	X	X	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and permit conditions.	Fluor	> 30d after GW well construction		20-Aug-11					
411	CEC	X	X	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and permit conditions.	Fluor	> 30d after GW well construction		2-Mar-11					
412	CEC	X	X	Soil & Water-4	Project GW Wells, Pre-Well Installation	Submit a copy of County concurrence that the proposed well construction activities comply with all county well requirements and permit conditions.	Fluor	> 30d after GW well construction		30-Jun-11					
413	CEC	X	X	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (gross and total).	Fluor / Operations	Annually							
414	CEC	X	X	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (gross and total).	Fluor / Operations	Annually							
415	CEC	X	X	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (gross and total).	Fluor / Operations	Annually							
416	CEC	X	X	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (gross and total).	Fluor / Operations	Annually							
417	CEC	X	X	Soil & Water-5	Construction and Operation Water Use	Submit an annual report of water usage (gross and total).	Fluor / Operations	Annually							
418	CEC	X	X	Soil & Water-6	Waste Discharge Requirements	Submit compliance documentation for the WDRs in Appendices B, C, and D.	Worley Parsons	> 30d after construction		17-Dec-10	21-Jan-11				

#	Agency	Pre-con	Const.	ops	COC	Title	Description	Responsibility	COD Verification	Internal Due Date	Date Final Due	Data Submitted to Agency	Agency Status	Completion On Hand Y/N	Internal Comments	Operational Ongoing Cost	
465	CEC	X	X		TRANS-5	Restoration of Public Roads, Easements, and ROWs	Remove all public roads, easements, and rights-of-way damaged due to unspecified construction activities. Submit letter of ROW repair completion, including concurrence with California Dept. of State Water Resources Control Board (CWRB).	Flur	Ongoing								
466	CEC	X	X		TRANS-5	Restoration of Public Roads, Easements, and ROWs	Remove all public roads, easements, and rights-of-way damaged due to unspecified construction activities. Submit letter of ROW repair completion, including concurrence with California Dept. of State Water Resources Control Board (CWRB).	Flur	< 90d after construction completion	25-Aug-14							
467	CEC	X	X		TRANS-5	Restoration of Public Roads, Easements, and ROWs	Remove all public roads, easements, and rights-of-way damaged due to unspecified construction activities. Submit letter of ROW repair completion, including concurrence with California Dept. of State Water Resources Control Board (CWRB).	Flur	Ongoing								
468	CEC	X	X		TLON-1	Compliance with Cal Pub Utility Commissions (TICs)	Compliance with Cal Pub Utility Commissions (TICs)	Flur	> 30d pt construction of Title	24-Jun-12							
469	CEC	X	X		TLON-1	Compliance with Cal Pub Utility Commissions (TICs)	Compliance with Cal Pub Utility Commissions (TICs)	Flur	< 90d of test								
471	CEC	X	X		TLON-2	Pre and Post-Energization Measurements	Pre and Post-Energization Measurements	Operations	< 90d of test								
472	CEC	X	X		TLON-2	Pre and Post-Energization Measurements	Pre and Post-Energization Measurements	Operations	Byrs Annually								
473	CEC	X	X		TLON-3	Combustible Material Inspections	Combustible Material Inspections	Operations	Once								
474	CEC	X	X		TLON-4	Mobile Object Grounding in ROW	Mobile Object Grounding in ROW	Flur	> 30d pt construction	25-Dec-12							
475	CEC	X	X		TLON-4	Mobile Object Grounding in ROW	Mobile Object Grounding in ROW	Flur	Ongoing								
476	CEC	X	X		TLON-4	Mobile Object Grounding in ROW	Mobile Object Grounding in ROW	Flur	> 30d pt working	30-Jun-11					pending schedule?		
477	CEC	X	X		VID-1	Surface Treatment of Non-Hazardous Project Structures and Building	Surface Treatment of Non-Hazardous Project Structures and Building	Flur	upon completion of installation								
478	CEC	X	X		VID-1	Surface Treatment of Non-Hazardous Project Structures and Building	Surface Treatment of Non-Hazardous Project Structures and Building	Flur	Annually								
479	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	> 90d of ordering permanent lighting	30-Jun-11					purchase schedule?		
480	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	< 48hr of resolution	30-Apr-13							
481	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	pt operation								
482	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	< 30d after resurfacing								
483	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	< 48hr of complaint receipt								
484	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	< 30d of resolution								
485	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	> 90d pt ordering permanent lighting	30-Jun-11					ordering schedule?		
486	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	> 30d pt ordering temp lighting	1-Apr-11							
487	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	Ongoing	4-Jun-12							
488	CEC	X	X		VS-2	Temporary and Permanent Exterior Lighting	Temporary and Permanent Exterior Lighting	Flur	< 30d of complaint								
489	CEC	X	X		VS-4	Reflective Glass Mitigation	Reflective Glass Mitigation	Flur / Operations	< 48hr of complaint receipt								
490	CEC	X	X		VS-4	Reflective Glass Mitigation	Reflective Glass Mitigation	Flur / Operations	< 48hr of resolution								
491	CEC	X	X		VS-4	Reflective Glass Mitigation	Reflective Glass Mitigation	Flur / Operations	> 90d pt construction	2-Mar-13					assume Jan 1, 2012 for start of term force installation		
492	CEC	X	X		VS-4	Reflective Glass Mitigation	Reflective Glass Mitigation	Flur / Operations	> 90d pt construction	16-Dec-10					Approved 1/7/11		
493	CEC	X	X		VS-4	Reflective Glass Mitigation	Reflective Glass Mitigation	Flur / Operations	> 90d pt construction	16-Dec-10					Approved 10/28/10		
494	CEC	X	X		VS-5	Visual Mitigation and Reevaluation of Signage	Visual Mitigation and Reevaluation of Signage	Flur	Ongoing								
495	CEC	X	X		VS-5	Visual Mitigation and Reevaluation of Signage	Visual Mitigation and Reevaluation of Signage	Flur	> 90d pt construction	17-Dec-10					Approved 1/10/10		
496	CEC	X	X		VS-5	Visual Mitigation and Reevaluation of Signage	Visual Mitigation and Reevaluation of Signage	Flur	> 90d pt construction	17-Dec-10					Approved 1/10/10		
497	CEC	X	X		WASTE-1	Continued Soil Assessment and Remediation	Continued Soil Assessment and Remediation	Flur	Ongoing								
498	CEC	X	X		WASTE-2	PE or PG or Bifurcated Remediation - PE or PG responsibilities	PE or PG or Bifurcated Remediation - PE or PG responsibilities	Flur	> 30d pt mobilization								
499	CEC	X	X		WASTE-3	Continued Soil Assessment and Remediation - PE or PG responsibilities	Continued Soil Assessment and Remediation - PE or PG responsibilities	Flur	< 6d of receipt								
500	CEC	X	X		WASTE-4	Continued Soil Assessment and Remediation - PE or PG responsibilities	Continued Soil Assessment and Remediation - PE or PG responsibilities	Flur	> 30d pt construction	17-Dec-10					Approved 12/18/10		
501	CEC	X	X		WASTE-5	Continued Soil Assessment and Remediation - PE or PG responsibilities	Continued Soil Assessment and Remediation - PE or PG responsibilities	Flur	> 30d pt construction	17-Dec-10					Approved 12/21/10		
502	CEC	X	X		WASTE-6	Haz Waste Generator Identification	Haz Waste Generator Identification	Flur	Monthly								
503	CEC	X	X		WASTE-6	Haz Waste Generator Identification	Haz Waste Generator Identification	Flur	pt generating haz waste	30-Apr-13					MO indicated this is only needed for operations. Not construction.		
504	CEC	X	X		WASTE-7	Waste Management-related Enforcement	Waste Management-related Enforcement	Flur	< 15d of notification from authority								
505	CEC	X	X		WASTE-8	Waste Management Plan	Waste Management Plan	Flur	Annually								
506	CEC	X	X		WASTE-9	Operational Waste Management Plan	Operational Waste Management Plan	Flur	< 30d pt notification from CPM	31-May-13							
507	CEC	X	X		WASTE-9	Operational Waste Management Plan	Operational Waste Management Plan	Flur	Ongoing								
508	CEC	X	X		WASTE-10	Operational Waste Management Plan	Operational Waste Management Plan	Flur	< 30d of release date								
509	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	< 30d of release date								
510	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								
511	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								
512	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								
513	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								
514	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								
515	CEC	X	X		WASTE-11	HAZMAT Waste Release/Spill Documentation and Corrective Action	HAZMAT Waste Release/Spill Documentation and Corrective Action	Flur / Operations	Ongoing								

#	Agency	Pre-con	Const.	Ops	COG	Title	Description	Responsibility	COG Verification	Internal Due Date	Date Final Due	Date Submitted to Agency	Agency Status	Documentation On Hand FR	Internal Comments	Operational Ongoing Cost	
916	CEC	X			Worker Safety-1	Project Construction Safety and Health Program	Submit the Project Construction Safety and Health Program to include Pre-qualify Equipment (PQE) Report, Equipment Inventory, Safety Program, and Injury Prevention Program (IPIP) for review by the Fire Department.	Flur	> 30d pre construction	17-Dec-10	17-Dec-10	12/10/2010	Approved 1/4/11				
917	CEC	X	X		Worker Safety-2	Project Operations Safety and Health Program	Submit a Project Operations and Maintenance Safety and Health Program to include: Injury and Illness Prevention Plan, OSHA 300, Heat Stress Protection Plan, BMPs for the storage and application of hazardous, Emergency Action Plan, Hazardous Materials Handling and Prevention Plan, and Personal Protective Equipment Program.	Flur/Monkey	> 30d at first fire or commissioning	Aug. 12, 2012	Aug. 12, 2012				Submit draft to the agency		
918	CEC	X	X		Worker Safety-2	Project Operations Safety and Health Program	Submit the Operations Fire Prevention Plan and the Emergency Action Plan to Riverside County Fire Department for review and approval.	Monkey	pt CPM submit	Aug. 12, 2012	Aug. 12, 2012	11/10/2010	Approved 1/4/11				
919	CEC	X			Worker Safety-3	Construction Safety Supervisor - Staff Assignment	Submit the Construction Safety Supervisor (CSS) to the Construction Safety Supervisor (CSS) for review and approval.	Flur	> 30d at site mobilization	17-Dec-10	17-Dec-10	11/10/2010	Approved 1/4/11				
920	CEC	X	X		Worker Safety-4	Construction Safety Supervisor - Staff Assignment	COG to include compliance documentation in Monthly Compliance Report.	Flur	Monthly								
921	CEC	X			Worker Safety-4	COG Payments	Submit verification of agreement with COG for Staff Monthly COG Payments.	NextEra	> 30d pre construction	17-Nov-10	17-Nov-10	5-Nov-10	NA				
922	CEC	X			Worker Safety-4	COG Payments	Final a possible external external defibrillator (AED) on site.	NextEra	ITIG v. COG	15-Jan-11	15-Jan-11	15-Jan-11	NA				
923	CEC	X	X		Worker Safety-5	Automatic External Defibrillator onsite	Complete AED training program in accordance with CPM-approved program.	Flur / Operations	Ongoing	1-May-11	1-May-11						
924	CEC	X	X		Worker Safety-5	Automatic External Defibrillator onsite	Submit verification that AED is available and the training and maintenance program is in place.	Flur / Operations	Ongoing	1-May-11	1-May-11						
925	CEC	X	X		Worker Safety-6	Emergency Access Gate, Spur Road	Submit revised and final plans for second access gate. Include letter of submittal regarding compliance from BCPD.	Flur	> 30d at site mobilization	17-Apr-10	17-Apr-10	5-Apr-10	Approved 1/14/11				
926	CEC	X	X		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain tire engine have been delivered and accepted to RCPD.	Flur/McCord	> 180d pt receipt of RFP	1-Apr-11	10-Jul-12						
927	CEC	X	X		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain tire engine have been delivered and accepted to RCPD.	Flur/McCord	> 180d pt receipt of RFP	1-Apr-11	10-Jul-12						
928	CEC	X	X		Worker Safety-6	Emergency Access Gate, Spur Road	Submit verification that all-terrain tire engine have been delivered and accepted to RCPD.	Flur/McCord	> 180d pt receipt of RFP	1-Apr-11	10-Jul-12						
929	CEC	X	X		Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit the Riv Co Fire Department, Capital and Operating Costs Funding to the Riv Co Fire Department for review and approval.	NextEra	> 30d at site mobilization	17-Dec-10	17-Dec-10	12/20/2010	NA				
930	CEC	X	X		Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit the Riv Co Fire Department, Capital and Operating Costs Funding to the Riv Co Fire Department for review and approval.	NextEra	> 30d at site mobilization	17-Dec-10	17-Dec-10	12/20/2010	NA				
931	CEC	X	X		Worker Safety-7	Riv Co Fire Department, Capital and Operating Costs Funding	Submit the Riv Co Fire Department, Capital and Operating Costs Funding to the Riv Co Fire Department for review and approval.	NextEra	> 30d at site mobilization	17-Dec-10	17-Dec-10	12/20/2010	NA				
932	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
933	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
934	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
935	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
936	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
937	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
938	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
939	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
940	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
941	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
942	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
943	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
944	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
945	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
946	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
947	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
948	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
949	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
950	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
951	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
952	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
953	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
954	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
955	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
956	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
957	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
958	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
959	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
960	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
961	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
962	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
963	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
964	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
965	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
966	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
967	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
968	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
969	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				
970	CEC	X	X		Worker Safety-8	Joint Training Exercises	Submit a joint training program with the RCPD for review and approval.	Operations	Annually	17-Dec-10	17-Dec-10	12/20/2010	Approved 1/14/11				

#	Agency	Pre-son	Cont.	ops	CDC	Title	Description	Responsibility	COG Verification	Internal Due Date	Date Final Due	Date Submitted to AIRDDY	Agency Status	Documentation On filed TIR	Internal Comments	Operational Ongoing Cost	
600	CEC	X	X		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Submit to the COO the final start design plans and a signed/stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS.	Floor	> 30d pt start of each increment of construction	1-Apr-11	1-Apr-11						
601	CEC	X	X		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Request the COO inspect the installation to ensure compliance with the requirements of applicable LORS. Include in the monthly compliance report: 1. Receipt or delay of major electrical equipment; 2. Testing or energization of major electrical equipment; 3. A signed statement by the registered electrical engineer attesting to the compliance of the installation with the requirements set forth in the Energy Commission decision.	Floor	Monthly	Monthly	Monthly						
602	CEC	X	X		ELEC-1	CBO Submittal - Electrical Equipment and Systems	At least 30d pt the start of each increment of electrical construction, submit to the COO for design review and approval the final design plans and calculations on file for the life of the project.	Floor	> 30d pt start of each increment of construction	1-Apr-11	1-Apr-11						
603	CEC	X	X		ELEC-1	CBO Submittal - Electrical Equipment and Systems	Retain approved final plant design plans and calculations on file for the life of the project.	Floor / Operations	> 30d pt start of construction	1-Apr-11	1-Apr-11						
604	CEC	X	X		PAL-1	Personnel Resource Specialist - Staff Assignment	Submit the name of the Resource Specialist.	Terra Tech	> 30d pt start of construction	1-Apr-11	1-Apr-11						
605	CEC	X	X		PAL-1	Personnel Resource Specialist - Staff Assignment	Submit the name of the Resource Specialist.	Terra Tech	> 30d pt start of construction	1-Apr-11	1-Apr-11						
606	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
607	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
608	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
609	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
610	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
611	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
612	CEC	X	X		PAL-2	PRG Submittal - Site Drawings Showing Distribution Areas	Submit drawings of power distribution areas before work commences. If the location of the project or the meter location changes, provide final and distribution drawings to the COO.	Floor	> 30d pt start of construction	1-Apr-11	1-Apr-11						
613	CEC	X	X		PAL-3	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Weekly during pd	17-Jan-11	17-Jan-11						
614	CEC	X	X		PAL-3	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Weekly during pd	17-Jan-11	17-Jan-11						
615	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
616	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
617	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
618	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
619	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
620	CEC	X	X		PAL-4	Personnel Resource Monitoring and Reporting	Submit monthly compliance reports to the COO.	Terra Tech	Monthly	Monthly	Monthly						
621	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
622	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
623	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
624	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
625	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
626	CEC	X	X		PAL-5	PRG Monitoring and Step Work Authority	Monitor and report on PRG activities.	Terra Tech	Monthly	Monthly	Monthly						
627	CEC	X	X		TSE-1	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
628	CEC	X	X		TSE-1	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
629	CEC	X	X		TSE-2	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
630	CEC	X	X		TSE-2	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
631	CEC	X	X		TSE-3	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
632	CEC	X	X		TSE-3	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
633	CEC	X	X		TSE-4	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
634	CEC	X	X		TSE-4	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
635	CEC	X	X		TSE-4	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						
636	CEC	X	X		TSE-4	Design Discrepancy Submittal	Submit design discrepancy reports to the COO.	Floor	> 30d pt start of construction	1-Jul-14	1-Jul-14						

#	Agency	Pre-con	Const	Ops	COC	Title	Description	Responsibility	COC Verification	Internal Due Date	Final Due	Date Submitted to Agency	Agency Status	Documentation On Field VIN	Internal Comments	Operational Ongoing Cost		
637	CEC	X			TSE-5	CDO Submittal - Three Design Drawings, Specs and Callouts	<p>Submit to the CDO:</p> <p>a) Design drawings for the poles/towers, foundations, anchor bolts, conductors, grounding systems, and major switchyard equipment;</p> <p>b) design criteria, a discussion of the calculation methods, a sample calculation based on "worst case conditions" and a sample calculation based on "average conditions" that conform with applicable codes and standards;</p> <p>c) Electrical one-line diagrams signed and sealed by the electrical engineer, a route map, and an engineering description of the equipment and configuration covered by requirements TSE-5 through TSE-7;</p> <p>d) A letter stating that the initiation measures or projects selected by the transmission owners for each reliability criteria violation, for which the project is responsible, are acceptable;</p> <p>e) A letter stating that the proposed LCPA signed by the California ISO and the project owner.</p>	Fluor	at start of Title	24-Jul-12								
638	CEC	X			TSE-6	CDO Submittal - TSE-6 Change Requests	Notify the CDO and the CPM of any impending changes that may not conform to requirements of TSE-6 and request approval to implement such changes prior to the construction of transmission facilities.	Fluor	at start of Title	24-Jul-12								
639	CEC	X	X		TSE-7	ISO Notification	Submit telephone notification to the California ISO Change Submittal to the California ISO a later, making the proposed date of synchronization.	Operations	> 1d at synchronization	31-Dec-12								
640	CEC	X	X		TSE-7	ISO Notification	Submit a letter of notification with the California ISO.	Operations	> 7d at synchronization	28-Dec-12								
641	CEC	X	X		TSE-7	ISO Notification	Submit a letter of notification with the California ISO.	Operations	> 1d at synchronization	31-Dec-12								
642	CEC	X			TSE-8	Code Compliance	<p>Submit a "self" engineering description of the electrical portion of the facilities and request approval to proceed to construction with codes and standards shall be provided concurrently.</p> <p>The self-engineering description of the mechanical, electrical, and civil portions of the facilities shall be signed and sealed by the registered engineer in responsible charge or acceptable alternative verification. Submit "As-Built" drawings at the power plant and make available, if requested, for CPM audit as set forth in the "Compliance Monitoring Plan".</p> <p>Submit a description of the proposed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer in charge.</p>	Operations	< 60d after first synchronization	2-Mar-13								
643	CEC	X	X		TSE-3	Code Compliance	In the event of the construction of these construction or operation, notify CPM and CDO and ensure the concrete sections to be taken.	Fluor / Operations	< 10d upon discovery									
643	CEC	X	X		TSE-6	Code Compliance	Inspect transmission line to ensure conformance with applicable codes and standards.	Fluor / Operations	Ongoing									
644	CEC	X	X		COMPLIANCE-1	Unrestricted Access	Provide CEC staff and delegate agencies or consultants unrestricted access to the site.	Fluor / Operations	Ongoing									
645	CEC	X	X		COMPLIANCE-2	Compliance Record	The project owner shall maintain project files on-site.	Operations	Ongoing									
646	CEC	X	X		COMPLIANCE-2	Compliance Record	Energy Commission staff and delegate agencies shall be given unrestricted access to the files.	Operations	Ongoing									
647	CEC	X	X		COMPLIANCE-3	Compliance Verification Submittals	Verification submittals to the CPM, whether approved or not, shall be established by work performed or the project owner or his agent.	Operations	Ongoing									
648	CEC	X	X		COMPLIANCE-4	Pre-con Mark and Tests	Submit a pre-construction matrix identifying only those conditions that must be fulfilled before the start of construction.	Tech / Fluor	at construction	15-Jan-11		15-Nov-10	pending					
649	CEC	X	X		COMPLIANCE-5	Compliance Matrix	Submit a compliance matrix with each monthly and annual compliance report.	ECM	Monthly			7-Dec-10						
650	CEC	X	X		COMPLIANCE-6	Monthly Compliance Report and Key Events List	Submit Monthly Compliance Reports. Include an initial list of dates for each of the events identified on the Key Events List.	ECM	Monthly			12/22/10						
651	CEC	X	X		COMPLIANCE-7	Annual Compliance Reports	Submit Annual Compliance Reports. Instead of Monthly Compliance Reports.	Operations	Annually									
652	CEC	X	X		COMPLIANCE-8	Confidential Information	Submit confidential information to CEC Executive Director with a request for confidentiality.	Fluor / NextEra	Ongoing									
653	CEC	X	X		COMPLIANCE-9	Complaints, Notices and Citations	Submit a description of the project's compliance with applicable codes and standards.	NextEra	at construction									
654	CEC	X	X		COMPLIANCE-10	Planned Facility Outage	Submit an on-site contingency plan.	Operations	> 12m at closure									
655	CEC	X	X		COMPLIANCE-11	Unplanned Permanent Facility Outage	In the event of an unplanned permanent facility outage, notify agencies and take all necessary steps to implement the on-site emergency plan.	Fluor	> 10d of CPM determination									
656	CEC	X	X		COMPLIANCE-12	Unplanned Permanent Facility Outage	Submit a description of the project's compliance with applicable codes and standards.	Fluor	< 24 hrs of closure									
667	CEC	X	X		COMPLIANCE-13	Post Certification Changes to the Decision	Petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership or operational control of the facility.	NextEra	Ongoing									

Appendix A
Equipment List and Rating

AQ-SC5

Diesel Engine Emissions Monitoring and Reporting

Genesis Solar Energy Project

Master Equipment List

Equipment Type	Brand / Model	Registration Number	Expiration Date	Serial Number	Engine Year	Horsepower	Tier Rating	Contractor	Rental Company	Mobilization Date	Demobilization Date	Notes
Drive Engine	CAT C7 Acert	148493	8/31/2013					SouthWest Drilling		Recorded 9/29/2011	10/1/2011	Removed from site.
Drive Engine	CAT C7 Acert	148494	8/31/2013					SouthWest Drilling		Recorded 9/29/2011		Yellow - equipment no longer on site.
Air Compressor	Atlas Copco	352484	8/31/2013	JPEC-0005				SouthWest Drilling	CAT/Johnson Power System	Recorded 9/29/2011		Removed from site.
Man Lift	Snorkel TB60	LS7456		60003	2000	55	II	McCarthy	Pacific High Reach	Recorded 9/29/2011		
Forklift	JLG-8042	EGC77		509-859982	2005	11.0	II	McCarthy	United Rentals	Recorded 9/29/2011		
Totehandler	Dynalift DL-10455	RHP957		697489	2005	99	II	McCarthy		Recorded 9/29/2011		
Engine	DDC Diesel	130415	3/31/2014					SouthWest Drilling	ANS Portable Equipment	Recorded 9/29/2011	10/1/2011	Removed from site.
Sweeper	Breen Broom	VH8U58		807654	2010	84	I	Sukut	RSC	Recorded 9/29/2011		
B343 Dozer	Caterpillar	CSBP98		34-07	2007	475	III	Sukut		9/19/2011		
Forklift		No Tag						Prefab Builders (Pacific)		Recorded 9/29/2011	10/1/2011	Removed from site.
Man Lift	JLG	No Tag						Prefab Builders (Pacific)		Recorded 9/29/2011	10/1/2011	Removed from site.
B24C Dozer	Caterpillar	VABK57		24-12	2007	354	III	Sukut		9/29/2011		
Motor Grader	Caterpillar 16G	SCSM77		2801-1G	2009	297	II	Sukut	NA	10/6/2011		
Scraper	Caterpillar	PCB97 / H93G78		57-21	2007	600	III	Sukut		Recorded 9/29/2011		
Backhoe	CAT 602	KCP743		490-D				SouthWest Drilling		Recorded 9/29/2011		Removed from site.
Grader	Caterpillar 460H	UN7F66		4668				Sukut	Ecco	Recorded 9/29/2011	9/23/2011	Removed from site.
Scraper	Caterpillar	UK3K99		57-22	2010	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	XG3J3 / G8T95		57-60	2007	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	DF9C83 / D6SM34		57-66	2005	600	III	Sukut		9/29/2011		
Scraper	Caterpillar	F16T95		57-63	2006	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	RF6T75		57-33	2007	440	III	Sukut		9/29/2011		
Scraper	Caterpillar	ANS644		57-28	2010	440	III	Sukut		9/30/2011		
Scraper	Caterpillar	KS5854 / SE3M43		57-29	2010	440	III	Sukut		10/4/2011		
Water Wagon	Caterpillar	CF4M43		57-74	2010	440	III	Sukut		10/4/2011		
Forklift	GEHL Dyna	KHP957		57-83	2006	540	III	Sukut		9/29/2011		
Skip loader	John Deere	NA			2006	99	II	Sukut		9/19/2011		
Scraper	Caterpillar	XES467			1985	350	III	Sukut		9/19/2011	9/28/2011	Used less than 10 days on site.
Motor Grader 16G	Caterpillar	HR8M79			2009	298	II	Sukut		9/28/2011		
D9T Dozer	Caterpillar	E5M99		90-34	2005	410	III	Sukut		9/28/2011		
414E Skip Loader	Caterpillar	CL7M35			2007	78	II	Sukut		9/27/2011		
Generator	MG Power Whisper White 70			Serial# 7351163	Oct-00	85	II	MCI		10/1/2011		

Appendix B
Biological Reports
BIO-8: Impact Avoidance and Minimization Measures

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/01/11

Monitor: Thomas Darden, Ray Romero BM

Start Time: 0630hr Stop Time: 1337hr

Weather Conditions: ptly cldy, lgt wind a.m.

Attachments: _____

High Temp.: 86pm Low Temp.: 48a.m.

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive front Guard Gate at 0630hr and move to Pad 0 for morning JHA safety meeting. After meeting check Well Pad 0 fill station as follow-up from yesterday and get water meter use reading. Still minor ponding. ** DB called back to solar field gate to switch out rental buggy being taken back. Pad 1 alt fill station still with ponded water residual from yesterday and photos below. The original fill station Pad 1 is in good shape. DB/BM conduct casual meandering windshield surveys of area south of Block 7 and west of Bldg Assembly Area. Nothing found. DB/BM return to solar field gate. DB releases BM and departs for office clerical work at 1337hr.

Front Well - 78762; Well 0 - 988; Well 1 - 18622; Well 2 - 0; Den 5 - 1001hr, no activity, no tracks; Den 8a,b - 0824hr, no activity, fresh tracks; Den 17 - 1124hr no activity, no tracks.

Monitor Checklist

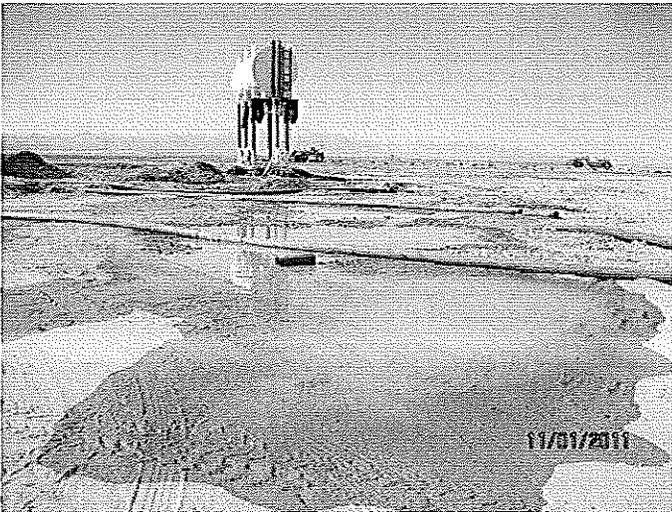
General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		litter accumulating along fence south of C.A.
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles and pairs over PB1 and Common Area
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*When returning from Den 8, DB/BM went to check for fox den south of CSA Area due to abundant tracks inside perimeter fence on fence line 2-track. Discovered new active Den 200m south of east/west fence and 100m west of north/south fence. Took a GPS point to forward to the BLM Biologist for his files. **Spoke with the Sukut PM at Well Pad 0 fill station p.m. as DB/BM were checking status on and he said a load of rip rap was to be placed later this afternoon to disperse the water and better allow future percolation.



10-31-11, Alt water tower Pad 1



11-01-11, Alt water tower Pad 1

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/02/11

Monitor: Thomas Darden, Ray Romero BM

Start Time: 0630hr Stop Time: 1130hr

Weather Conditions: ptly cldy, lgt wind a.m.

Attachments: _____

High Temp.: 72pm Low Temp.: 58a.m.

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive solar field gate at 0620hr. Load buggy and move to Den 5 for approved burrow collapse. Arrive Den 5 at 0700hr and DB gives JHA safety briefing with sign-in sheet. Due to a miscommunication Sukut laborers arrived at 0722hr. At approximately 0922hr, the first 5 burrows were successfully dug down to the bottom or otherwise where 2 separate burrow tunnels came together underground ensuring the burrows were empty. Approx. 11 burrows remain to be dug down and collapsed over the next two days to discourage reoccupancy. After backfill of all 5 burrows DB/BM conduct general site oversight drive. Both water fill stations at Pad 1 and fill station at Pad 0 are all dry. No water use meter reading taken today. DB departs for office clerical work at 1130hr. and BM to stay on site for a while to familiarize with Block cut/fill/prep progress since last tour. No other issues observed by DB other than high winds from north pushing litter up against fence south of Common Area probably sucked out of the dumpster.*

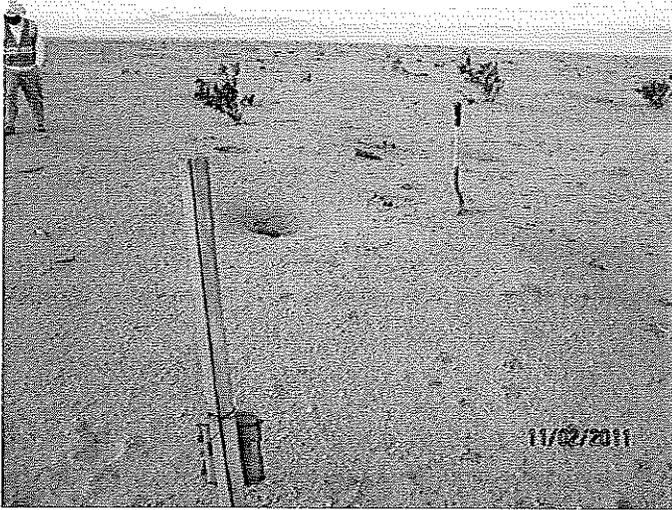
Front Well - 78762; Well 0 - ; Well 1 - ; Well 2 - ; Den 5 - 0700hr, no activity, dig down day 1; Den 8a,b - did not check; Den 17 - did not check.

Monitor Checklist

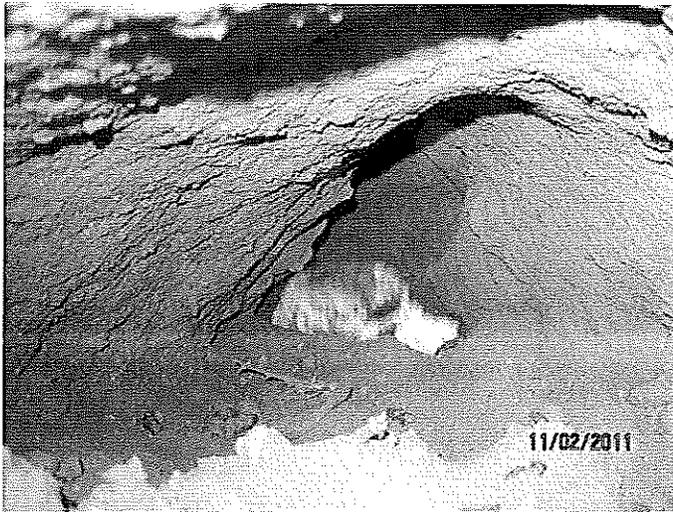
General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		litter blown along fence south of C.A.
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.		X		
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

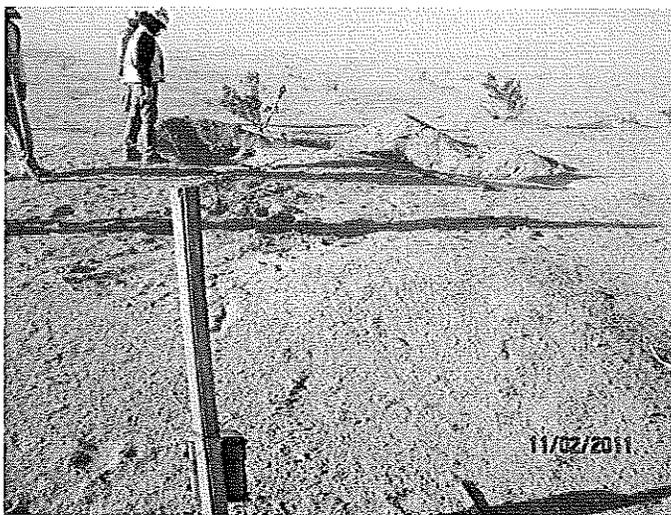
*Winds were gale force so Sukut Foreman shuts down all grading operations first thing. Heavy blowing sand obscuring visibility.



11-02-11, Den 5 target burrow1-last occupied burrow, before dig



11-02-11, Den 5 target burrow1-open bottom passage to burrow2



11-02-11, Den 5 target burrow1-backfilled

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/03/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0630hr Stop Time: 1342hr

Weather Conditions: clr, calm a.m.

Attachments: _____

High Temp.: 76pm Low Temp.: 39a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0615hr. Burrow dig down crew of DB/BM, 2 laborers, 1 arc, 1 Nam, all receive JHA safety briefing with sign-in sheet by DB. Crew departs to Den 5 and starts dig down at 0650hr. Complete dig down at 0930hr of 7 burrows and partial of 8 to complete with 3-4 others tomorrow. DB/BM then clean out tortoise trap at solar field gate filled in by gale force winds yesterday. Next move to check water well meter readings and water fill stations and parkline. Well Pad 0 fill station no ponding a.m. Check Well Pad 1 both fill stations no ponding of significance. Called by CBO to meet and take CPM to Den 8 proposed for dig down on Monday. After discussion between the DB and CPM, the DB/BM move back to solar field gate to shuttle new buggies from Guard Gate to solar field Genesis refueling station as request. Only 1 buggy keys were present so only one buggy transferred. DB assigns BM to continue monitoring while DB returns to office for required clerical duties.

Front Well - 78762; Well 0 - 3662; Well 1 - 20034; Well 2 - 23; Den 5 - 0650hr, no activity, dig down day 2; Den 8a,b - no activity, fresh tracks; Den 17 - no activity, fresh tracks.

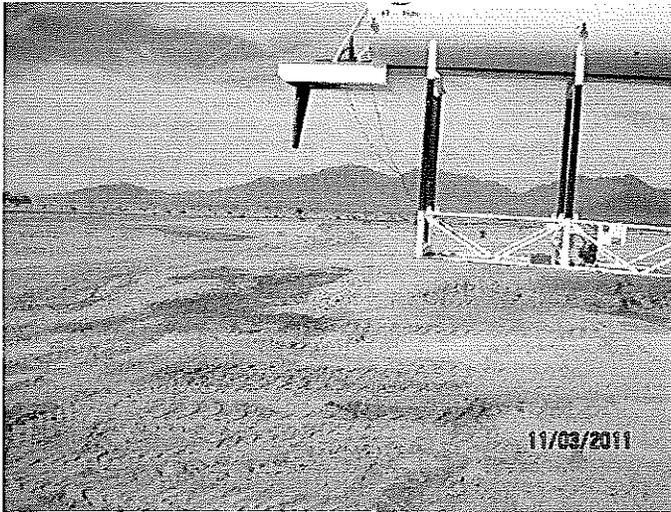
Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			litter blown along south fence removed
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles over PB1 flying
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:



11-03-11, Well Pad 1 primary fill station no ponding p.m.



11-03-11, Well Pad 1 alt fill station no ponding p.m.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/04/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0630hr Stop Time: 1430hr

Weather Conditions: clr, gusty winds all day

Attachments: _____

High Temp.: 76pm Low Temp.: 55a.m.

Photographs: _____

Sites Monitored

Circle One:	<u>Plant Site</u>	Access Road	Gas Line	Transmission Line	Other (explain)
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Activity Log:

Arrive solar field gate at 0615hr. Den 5 burrow dig down crew arrives and DB gives JHA safety briefing. Crew then mobilizes to Den 5. Start dig down with 4 original surface burrows at 0640hr. Completed dig down at 0838hr. Many subterranean interconnect burrows. During dig DB/BM observe tracks coming from north so after dig go to investigate possible new den near north fence. Found 2 separate dens outside of fence of one burrow each; status 1 den probably active. P.M. Well Pad 1 primary fill station still minor ponding; alt fill station Pad 1 OK. DB/BM continue conducting foot clearance transects today sub-blocks 5/6 of Block 2 west and final 2 sub-blocks of Block 1 west. Only DECP area west of Block 1 left for clearance surveys that area. Parked scrapper 57-21 west central Common Area observed by DB with hydrofluid leak and no diapers or drip pans down so DB alerts mechanic who says will take care of. DB/BM return later and drip pans in place. DB/BM return to ATV refueling area and break out peeper scope and give readiness test for Den 8 Monday morning Day 1 forced dig down operation. While there at approx. 1305hr two vehicles observed drag racing on the access road after leaving the solar fields gate. Alerted ECM. DB/BM return to solar field for final fill station checks along with parkline. DB releases BM at 1430hr and returns to office for clerical work.

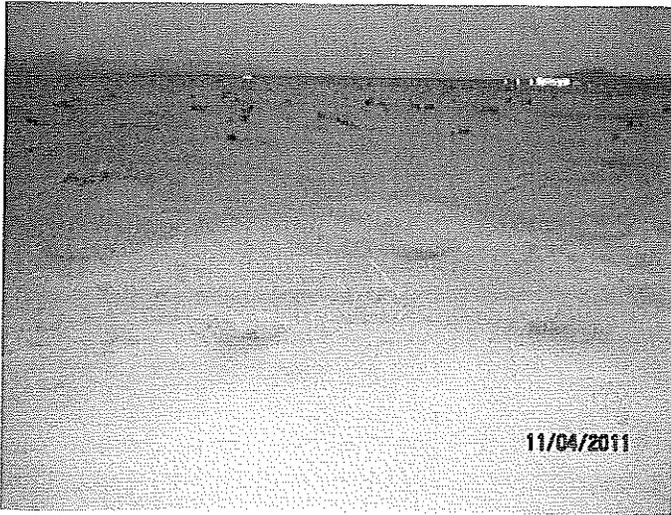
Front Well - 78762; Well 0 - 4647; Well 1 - 21050*; Well 2 - 23; Den 5 - 0640hr, no activity, dig down day 3 and fully collapsed; Den 8a,b - 1022hr, no activity, fresh tracks; Den 17 - 1005hr, no activity, fresh tracks.

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?		X		as mentioned above two vehicles racing
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			several singles flying over PB1**
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*Well Pad 0 a.m. no ponding; Well Pad 1 a.m. no ponding at alt fill station but minor ponding primary fill station.
 **One raven observed drinking water from very minor ponding at pre-watering sprinkler area west Block 2.



11-04-11, Den 5 final 4 surface burrows 0642hr



11-04-11, Den 5 all burrows dug down to bottom



11-04-11, Den 5 dig down of 7 discovered burrows backfilled

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/07/11

Monitor: Thomas Darden, Rob Conohan BM

Start Time: 0600hr Stop Time: 1457hr

Weather Conditions: clr, lgt winds turning gusty thru day

Attachments: _____

High Temp.: 64pm Low Temp.: 44a.m.

Photos: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0550hr. When Den 8 dig down crew arrives DB gives kit fox burrow excavation JHA to all. At 0615hr crew mobilizes to Den 8. On arrival DB first takes before pics of burrows to be dug down then BM tends cables and cords for DB to clearance scope target burrows. No fox observed in burrows and none flushed. Begin dig at 0630hr and complete backfill at 0930hr. After dig return to Genesis ATV refueling station to put away peeper scope. While there, DB noticed one of the power pole delivery drivers parked outside the tortoise fence started to move his truck inside without checking under his truck as required for tortoise. When DB questioned the driver, he said he was unaware. DB briefed him and relayed information to CM. DB observed while parked scrapper 57-64 with black fugitive fluid leaking that appeared to be oil. DB/BM spoke with the mechanic offering it required corrective action by tomorrow or DB will note. While going to continue foot clearance transects west ends of Block 2/3, DB/BM observed equipment had made a ground disturbing circle pass through Block 4 (unknown when). This block is not scheduled for activity until 11/10 on 3-week look ahead dated 10/31 and not until 11/14 on 3-week look ahead dated 11/07. DB/BM are making wildlife clearance surveys ahead of work based on schedules provided. On way out after completing Block 2 transects, DB observes minor ponding primary fill station Pad 1; no ponding alt fill station Pad 1; ponding water Pad 0. DB photo documents. DB relays ponding observations with recommendations for corrective actions to the Field Mgr when back at office. DB releases BM at 1457hr and returns to office for required clerical work.

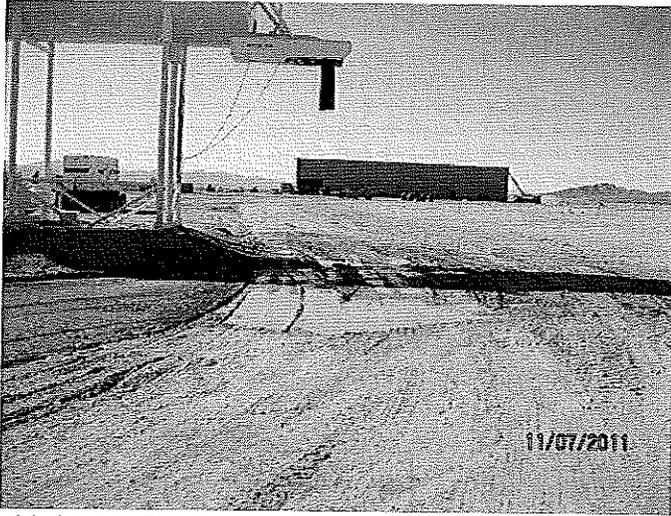
Front Well - 78762; Well 0 - 7542; Well 1 - 44770; Well 2 - 23; Den 8a,b - 0630hr, no activity, day 1 dig down; Den 17 - 1233hr, no activity.

Monitor Checklist

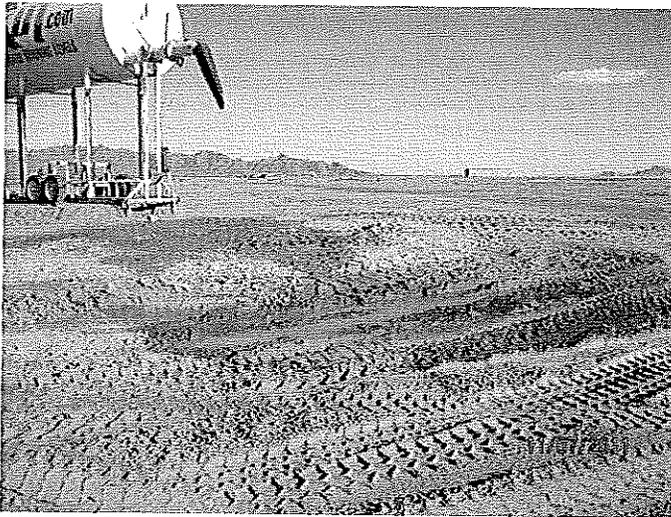
General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?		X		power pole driver had abbreviated WEAP trng
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?		X		work in Block 4 DB was unaware would occur
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% check, no erosion, fence intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			several singles flying over PB1 **
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

DB/BM removed live sidewinder after Monitor called and alerted it was observed from east cut Block 1 and released into free land.



11-07-11, Ponding at fill station Pad 0, p.m.



11-07-11, Minor ponding primary fill station Pad 1, p.m.

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/08/11

Monitor: Thomas Darden, Rob Conohan BM
 Weather Conditions: clr, lgt winds turning gusty thru day
 High Temp.: 66pm Low Temp.: 37a.m.

Start Time: 0600hr Stop Time: 1423hr
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0548hr. Once all parties arrive DB gives JHA safety for burrow excavation. At 0610hr crew mobilizes to Den 8. DB first takes pics of burrows to be dug down then BM tends cables and cords for DB to clearance scope target burrows. Begin digging at 0640hr after clearing burrow 1. Cleared next 4 burrows by 0730hr. Some tunnels had 90 degree turns we could not negotiate the scope around so we carefully dug down and scoped again. Complete dig down at 1155hr – many side tunnels. Complete backfill at 1310hr. Drive next to Den 17 to switch out mem card and check for tracks. Swept the two burrows. Did not check on the water fill stations as trainee ECM was on-site while we dug the den. DB releases BM at 1423hr and returns to office for clerical work. At office trainee ECM calls DB as required to report a spill discovered of hydraulic fluid west part of building assembly. DB notes and advises spill clean up should be monitored and noted with photo doc once cleaned down to uncontaminated soil and material either stored on-site in a haz mat container, or hauled off to Env. Approved Disposal Site. In office grading CM, DB, and Sukut grading foreman discuss schedule for upcoming work in Blocks 4 and 8. Grading foreman advised they would be working west to east so DB relayed he and BM would start foot wildlife clearance transects by sub-block from west to east to stay ahead of ground disturbing activities. DB/BM will also conduct clearance surveys for remaining north fence Channel A area remaining as grading foreman also mentioned the cut work would start soon up there.

No well water use meter readings today.

Mondays readings: Front Well - 78762; Well 0 – 7542; Well 1 – 44770; Well 2 – 23; Den 8a,b – 0620hr, no activity, day 2 dig down; Den 17 – 1346hr, no activity. Sweep the two burrow entrances.

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			laborer policing Common Area south
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% check, no erosion, fence intact
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.		X		
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

DB/BM relocated two tarantulas from the Den 8 dig down vicinity .

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/09/11

Monitor: Thomas Darden, Rob Conohan BM

Start Time: 0600hr Stop Time: 1350hr

Weather Conditions: clr, N winds a.m.

Attachments: _____

High Temp.: 70pm Low Temp.: 47a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0555hr. At 0600hr DB gives Burrow Excavation JHA Safety Briefing. At 0612hr den dig down crew mobilizes to Den 8. Arrive Den 8 at 0630hr. Crew searches for burrows left to scope and close. The last were closed yesterday so crew closes rodent holes to aid in discouraging den reoccupancy. Once core den complex is cleared of burrows, DB gets crew to form a 6 abreast line and conducts foot transects for possible den relocation sites from west fence line to north fence line. One pass south to north from den area, and one back north to south one transect east. No new dens found. DB then releases Arc and Native American Monitors, and laborers. Then with BM, DB continue transects north/south until DESCP area west of Blocks 1&2 is cleared for no new dens. DB/BM also complete the two western most sub-blocks of Block 3 completing all foot clearance transects for Blocks 5,6,7 and 1,2,3. Return to Genesis ATV refueling area to off-load peeper scope. Check on Pad 0 water fill station – has no significant ponding. Some rip rap has been added to aid over flow water percolation. Check on Scrapper parked and being worked on in the south Common Area but no mechanic is in the area. DB and BM observe fugitive fluids leaking on ground with no diapers or drip pans under leak as documented below. Stopped and talked with Sukut Safety man and relayed information of no spill kit being utilized as required. Safety man replied he would alert mechanic. DB/BM then complete foot clearance transects for remaining Channel A cut west to west fence line. DB releases BM at 1350hr and departs for office clerical work.

Front Well - 78762; Well 0 – 8133; Well 1 – missed; Well 2 – 23 (currently still not operating); Den 8a,b – 0630hr, no activity, day 3 dig down; Den 17 – 1041hr, no activity, fresh tracks from sweeping entrance yesterday. Remote photo captured on 11-08-11.

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles flying in and around PB 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:



11-09-11, Scrapper 57-63 being repaired



11-09-11 Scrapper 57-63 being repaired

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/10/11

Monitor: Thomas Darden, Rob Conohan BM

Start Time: 1030hr Stop Time: 1232hr

Weather Conditions: Ptly cldy, N winds midmorn

Attachments: _____

High Temp.: 73noon Low Temp.: 64mid-morn

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive Guard Gate at 1028hr. Proceed to check Well Pad fill stations, water use meter readings, switch mem card at Den 17, and pull remote cams and final 2 safety fence structures from Den 8. Check well Pad 2 meter – still not using well for water source. Stop by Pad 0 and water fill station has no significant ponding. Meet Compliance Monitor at Well Pad 0 who wishes to follow DB to check k fox Den 17. At approx. 1118hr, DB sees kit fox laying near west burrow entrance. It was motionless and appeared dead. After closer examination, DB notices shallow breathing and periodic convulsions. At Agency Biologist's request and concurrence by DB, DB takes the animal to a Blythe Vet Clinic to try and save. Vet on duty refused to treat. The kit fox was still alive at this point but very lethargic. DB then directed next to take to Kevin Liske at the Living Desert Zoo in Palm Desert. DB departs Blythe at 1400hr and arrives at Liske at 1540hr where the kit fox was dead on arrival. DB then directed to take the now dead specimen to the UC Davis Lab in San Bernardino for BLM requested necropsy. Specimen received at Lab from DB at 1735hr. DB arrives back in Blythe at 2045hr.

Front Well - 78762; Well 0 – 8361; Well 1 – 27142; Well 2 – 23 (currently still not operating); Den 8a,b – n/a;
Den 17 – 1118hr, no activity at first, then sees what appeared to be dead fox

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?			X	
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			BM pre-work transects west Block 4
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.	X			dying kit fox at Den 17. Died in route to vet clinic. Incident Form and pics to follow
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.		X		
All ESAs and other bio-related exclusion areas marked and avoided?		X		

Additional Notes:

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 11-10-11, 1118 hr Observer: Thomas B. Darden, Designated Biologist

Type of Incident (circle one): Injury / Fatality / Nest (found a live, motionless)

Cause of Death: un known

Condition (circle one) Intact Carcass / Dismembered Carcass / Feathers Only

Photo No. attached and follow

Carcass Condition Details, Behavior of Injured Animal, or Nest Details:

Fox was discovered lying motionless on its side, eyes glazed almost shut, mouth slightly agape and appeared dead. Upon close examination DB observed shallow breathing and periodically convulsing. No obvious signs of trauma.

LOCATION Den 17

DATUM: 11S

UTM E: 0684775

UTM N: 3737079

Location Details (microhabitat, etc.):

At Den 17 laying inches next to west burrow entrance. Bare ground with widely scattered creosote bushes. This den is on 65ft shift of where a large block of ground has been completely graded.

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Desert kit fox

Sex (circle one): Male / Female / Unknown

Age (circle one): Adult / Juvenile / Unknown (testes descended)

Is Animal Tagged? (circle one): Yes No

Identification Remarks: Body of animal appears normal and not emaciated, or otherwise malnourished. Pelage pristine. No wounds or obvious broken bones. Appeared in and out of consciousness and periodic attempts to rise but clearly uncoordinated.

ENVIRONMENTAL CONDITIONS

Weather (circle one): Clear / Fog / Cloudy / Rain Partly Cloudy

Approx. Temperature (circle one) (F) / °C: 65

Wind (circle one): Calm / Gusty / Storm / Violent Storm (north winds 10-12 mph)

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /

Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): first attempt Blythe Circle H Vet Hosp declined treatment, second attempt to Palm Desert Living Desert Zoo, Kevin Liske. Fox died in transit between 1400hr and 1540hr. Then taken to San Bernadino UC Davis Lab for necropsy requested by BLM and CDFG Biologists. Lab took possession at 1735hr.



11-10-11, Den 17 DB observed fox original undisturbed position, 1120hr



11-10-11, Den 17 DB fox from first observed view, 1118hr
(center of photo)

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/11/11

Monitor: Thomas Darden

Start Time: 1000hr Stop Time: 1055hr

Weather Conditions: mstly cldy, lgt winds midmorn

Attachments: _____

High Temp.: 64 Low Temp.: 63midmorn

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive Guard Gate at 1000hr. Move to solar fields for well meter readings primarily and general site overview. No one observed by DB working other than power pole delivery inside solar field gate and trailer set-up crew Common Area. Site overview findings:

- Dumpster at Building Assembly Area covered well, small trash can covered well, drum spill kit container prominently marked.
- empty cigarette packs littered on ground in grading equipment parkline
- water wagon 51-83 leaking fluid on ground with no drip pan also in grading equipment parkline
- water fill station Well Pad 0 leaking water*
- alt water fill station Well Pad 1 leaking water*

Photos documentation follows 3 pages. Depart and return to office for clerical work at 1055hr.

Front Well - 78762; Well 0 - 10504; Well 1 - 27309; Well 2 - 23 (currently still not operating);
Den 17 - 1020hr, no activity

Monitor Checklist

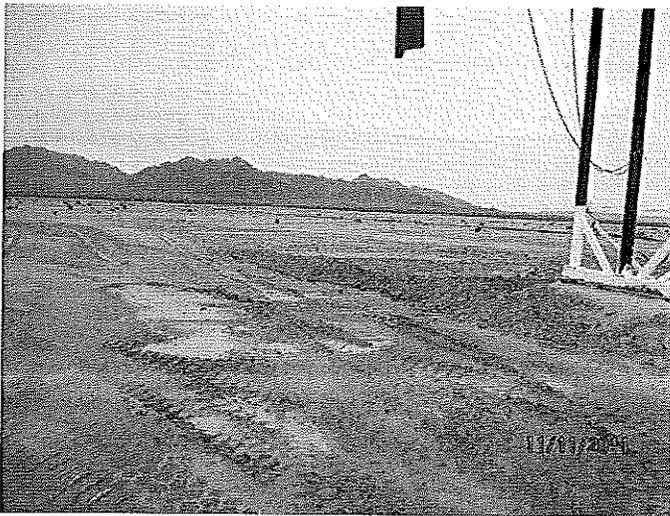
General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?			X	
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		as mentioned above
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.		X		
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

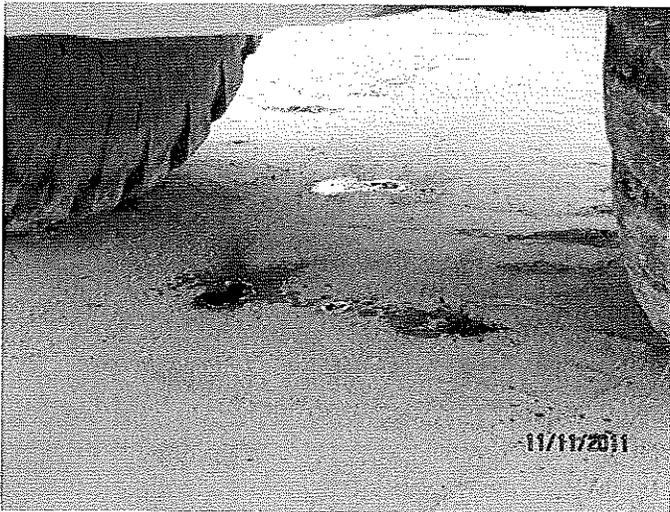
*CM asked DB how site look today back at office and DB relays water tower fill stations Pad 0 and alt Pad 1 leaking. CM calls Sukut Sprinkler crew on-site to see if they can check the float valves and arrest the leaks.



11-11-11, water fill station Pad 0 leaking, 1014hr.



11-11-11, alternate water fill station Pad 1 leaking, 1025hr



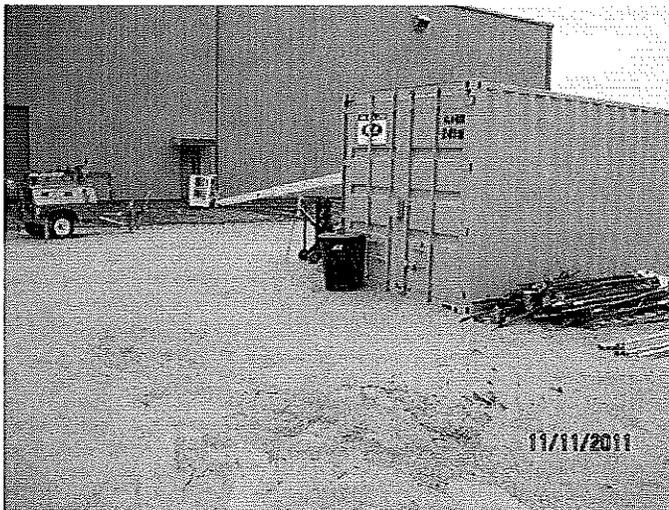
11-11-11, water wagon 51-83 with fugitive fluid leaks



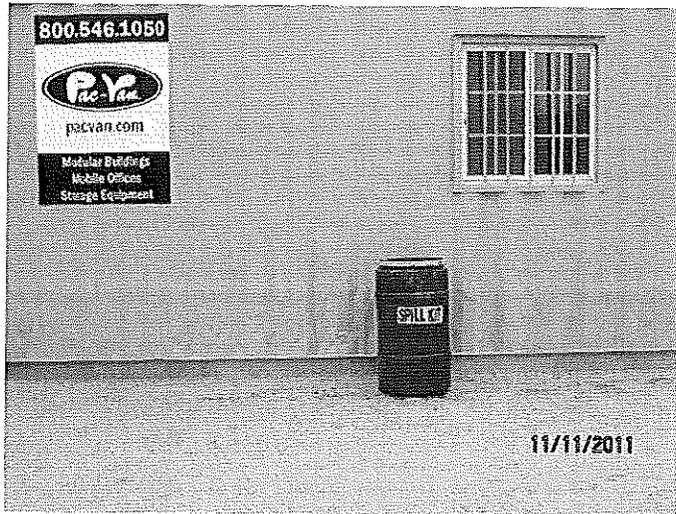
11-11-11, empty cigarette packs littered at parkline



11-11-11, dumpster at Bldg Assm Area covered



11-11-11, small trash can at Bldg Assm Area covered



11-11-11, drum spill kit container at Bldg Assm Area

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/14/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0600hr Stop Time: 1303hr

Weather Conditions: clr, calm a.m.

Attachments: _____

High Temp.: 73p.m. Low Temp.: 46a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0553hr, load buggy, do inspection, and move to Sukut morning JHA. After meeting DB sends BM to do a 100% exclusion fence check. Fence intact no erosion. DB gets water well use readings, checks water fill stations, and do Den obs and switch out mem card Den 17. DB/BM then move to Den 8 to remove safety fence structures and remote cams. DB/BM then conduct foot transects west Block 4. DB spoke with Sukut Straw who says work likely will not start in Block 4 until end of the week or early next week. Check under dumpsters and connexes for k fox in Bldg Assm Area and Common Area. Check on scrapper 57-64 that mechanics are working on. No leaks but drip pans are at hand. DB receives call from CEC acting Biologist for conversation regarding Den 8 dig down and sick (mortality) fox Den 17. DB/BM then conduct meandering surveys PB2 for k fox dens. None found. DB assigns BM to continue general site monitoring. DB conducts after inspection for ATV and departs solar fields at 1303hr for ATV fuel and to office for clerical work.

Front Well - 78762; Well 0 - 14833; Well 1 - 27495; Well 2 - 23 (currently still not operating);
Den 17 - 0731hr, no activity, sweep day 1

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			in S. Common Area and west PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/15/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0530hr Stop Time: 1328hr

Weather Conditions: clr, calm a.m.

Attachments: _____

High Temp.: 77p.m. Low Temp.: 46a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

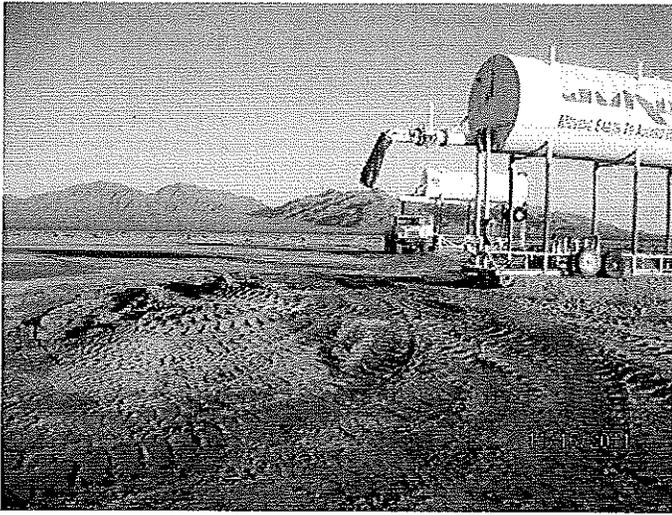
Arrive solar field gate at 0530hr. Do ATV pre-check and then move to Sukut safety meeting. DB then moves to check fill stations and get water use meter readings. DB/BM check Den 17, adjust current camera on east burrow, and place second camera on burrow facing west due to remote cam photos from the 10th, 11th, 12, and 13th. Check on Well Pad 1: primary and Alt water fill stations no significant ponding a.m. as shown below. Well Pad 0: no significant ponding a.m. DB/BM continue foot clearance transects west Block 4 in front of grading. DB attends Genesis weekly Staff Meeting Conference Call. DB takes call from CEC regarding still active Den 17 and proposal to place one-way doors and makes follow-up call with CDFG Biologist. Both Agencies concur and authorize. DB/BM then conduct foot clearance transects western 1/3 of Conservation Set Aside Area for potential kit fox burrow relocation from Den 8. DB places crossed lathes across 2-track through Con. Set Aside Area for do not enter. DB has conversation with Grading Straw regarding methodology used in selecting pre-construction clearance surveys in front of grading and discusses up-coming grading schedule. DB departs for office clerical work at 1328hr while BM completes exclusion fence check and carcass canvas on blacktop access road.

Front Well - 78762; Well 0 - 15189; Well 1 - 28843; Well 2 - 23 (currently still not operating);
Den 17 - 0638hr, no activity, fresh tracks, adjust east Cam - 0937hr I observed east burrow while DB coming to install second remote Cam west burrow.

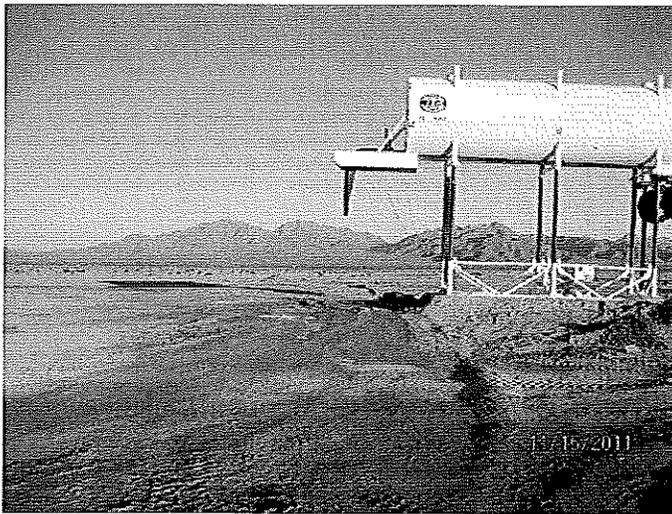
Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			laborer observed policing S. Common Area
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% check
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			over Common Area and Well Pad 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

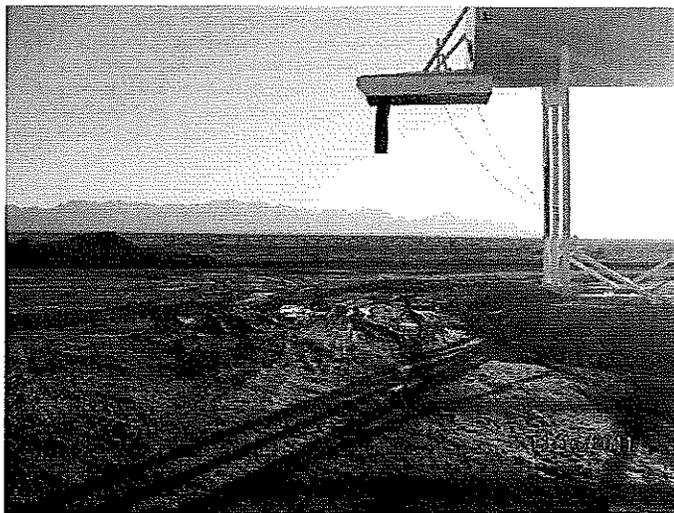
Additional Notes:



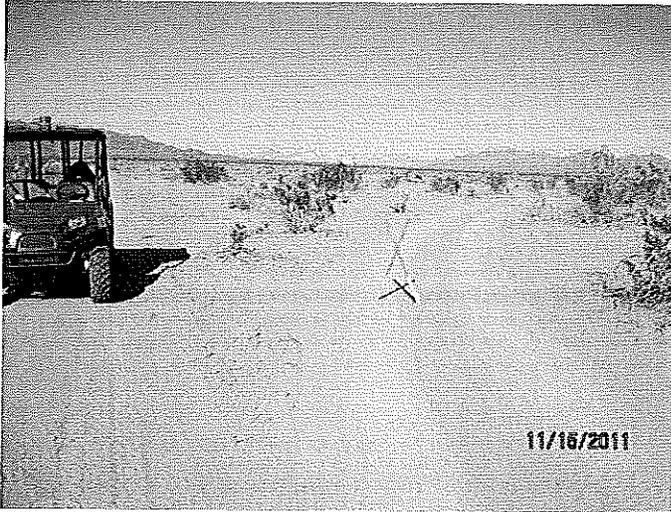
11-15-11, Well Pad 1 primary water fill station a.m.



11-15-11, Well Pad 1 Alt water fill station a.m.



11-15-11, Well Pad 0 water fill station a.m.



11-15-11, Crossed lathe blocking 2-track through Conservation Set Aside Area

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/16/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0530hr Stop Time: 1135hr

Weather Conditions: clr, calm a.m.

Attachments: _____

High Temp.: 72p.m. Low Temp.: 48a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0534hr. Do ATV walk around then move to Sukut JHA safety meeting. After meeting DB/BM observe spill under one of the trucks parked for meeting. Crew had container of hydro fluid in back of truck that tipped over. DB/BM monitor proper clean-up. Shortly after, Contractor Safety Man calls DB about the spill. DB returns to grab replacement mem cards for Den 17 while BM checks fill stations, and well use meter readings, and checks old Dens 8&5 with no sign of attempted reoccupancy. DB/BM continue foot clearance central Block 4 ahead of grading. DB/BM complete foot transects of Conservation Set Aside Area looking for potential Den 8 relocation. No dens found. DB departs site for COC review meeting at 1135hr and regular office clerical work while BM conducts Raven Observation Counts and procures materials needed to construct second one-way door for Den 17..

Front Well - 78762; Well 0 – 17122; Well 1 – 30331; Well 2 – 23 (currently still not operating); } no significant ponding either fill stations Pad 1 or Pad 0 a.m.

Den 17 – 0647hr, no activity, fresh tracks,.

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			flying, landing west PB 1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/17/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0530hr Stop Time: 1140hr

Weather Conditions: clr, lgt N a.m.

Attachments: _____

High Temp.: 73p.m. Low Temp.: 45a.m.

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive solar field gate at 0529hr. Do ATV walk around and move to Sukut JHA safety meeting. When arrive at parkline DB parks right next to banana peel cast off. DB mentions to Safety man to make a reminder during morning meeting to watch our food cast off which he did. DB moves then to get water well use readings and check water fill stations while BM runs out to blacktop access road to bury road kill jack rabbit. No significant ponding at water fill station primary or alt Pad 1 a.m. No significant ponding at fill station Pad 0. a.m. Check on scrapper 57-29 being worked on with no leaks and drip pans at hand. BM makes a pass by old Den 5 and Den 8 to check for signs of reoccupancy – none found. DB/BM continue foot clearance transects in front of grading central Block 4. Bump over to start installation of 1-way doors for Den 17. At site BM sees fox carcass west of Den and DB finds a carcass east of Den. After notification to ECM and filling out Incident Forms, *BLM Biologist suggests DB to take both specimens to San Bernardino Lab for necropsy. DB departs to procure materials to preserve specimens for the 162mile trip (having gone just last week) at 1140hr. DB arrives back Blythe 1830hr for office clerical work including email, Agency notifications, download and attribute photo documentation to add to Incident Forms.

Front Well - 78762; Well 0 – 18897; Well 1 – 31845; Well 2 – 23 (currently still not operating);
Den 17 – 0931hr, two dead, photos below

Monitor Checklist

General	Yes	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		banana peel as mentioned above
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Yes	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles and pairs flying and lighting PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*Advised to monitor and carcass search active Dens discovered by DB outside exclusion fence and in linear corridor off the blacktop access road by CDFG and BLM Biologists for near term.



11-17-11, Den 17 adult male kit fox mortality



11-17-11, Den 17 juvi female kit fox mortality



Den 17, raven at burrow entrance, 11-17-11, 1249hr

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/18/11

Monitor: Thomas Darden, Mike Ireland BM

Start Time: 0530hr Stop Time: 1248hr

Weather Conditions: clr, lgt winds a.m.

Attachments: _____

High Temp.: 77p.m. Low Temp.: 45a.m.

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive solar field gate at 0530hr and do ATV walk around. Move to Sukut JHA morning meeting. After meeting DB/BM move to den obs at Den 17 and switch mem cards. Raven tracks observed at east burrow entrance and 1 pelage cast off. DB/BM continue Den 8 relocation foot surveys 150' west from west fence line. Two recent activity dens discovered outside perimeter fence. No carcasses found. DB/BM check 4 known DB discovered dens outside solar fence at 2 DB discovered dens in linear corridor off blacktop access road. All 6 dens still active, no carcasses found. Information to be relayed to BLM and CDFG Biologists. Hailed by Veritas Inspector to escort Eric Veerkamp to Den 17 where the 2 kit fox mortalities were discovered yesterday. While there, a miscommunication caused by an unexpected archeological find that forced a temp work stoppage in Block 2, caused grading crew to start a water haul road through a portion of east Block 4 not foot clearance surveyed yet for last 30 days. DB was not notified of change in grading. DB discussed with grading straw importance of checking with DB to be sure area has been cleared ahead for potential sensitive resources. DB departs for office clerical work at 1248hr while BM conducts perimeter fence check and access road carcass canvas.

Front Well - 78762; Well 0 -; Well 1 -; Well 2 - 23 (currently still not operating);
Den 17 - 0623hr, no activity, no carcasses but raven tracks and pelage cast off east burrow entrance

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?		X		as noted above
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			over prep area west Block 4
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/19/11

Monitor: Thomas Darden
 Weather Conditions: clr, windy
 High Temp.: 70p.m. Low Temp.: 48a.m.

Start Time: 0530hr Stop Time: 1502hr
 Attachments: _____
 Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0527hr. Conduct ATV walk around. Move to Sukut JHA morning meeting. After meeting DB immediately starts pre-construction clearance surveys starting from east end Block 8 at 0609hr. At 0654hr, DB discovers active new (likely overnight) kit fox den, Den 18. Take GPS point. It is roughly 800ft west from east end of Block 8 and only 30ft south of Block 7. DB notified grading Straw immediately and ECM. At 0941hr DB completes placing 75ft buffer of lathe with high vis pink flagging and 4 safety fence structures (CM assisted) as shown below. Camera set and activated at 0942hr. At 1135hr, DB discovers second single burrow active den, Den 19. Take GPS point. DB notifies Straw and ECM then starts buffering same as Den 18. Camera set and activated at 1340hr. DB continues westward pre-con clearance surveys ahead of prep crew Block 8. Finish a total of linear feet of surveys. DB discusses with grading Straw and CM of where and how the delineation is marked where the clearance surveys ended. Both assured that point would not be crossed. DB assured Monday early he and BM will resume clearance surveys Block 8 westward. DB completes ATV walk around and departs solar fields for required office clerical work at 1502hr.

Front Well - 78762; Well 0 – 22689; DB notified Straw and CM water fill tank was leaking. When DB departed for the day, leak was stopped and no significant ponding. Well 1 – 34318; no ponding Primary or Alt fill station; Well 2 – 23 (currently still not operating); Den 18 – 0942hr, activate remote camera; Den 19 – 1340hr, activate remote camera

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Block 8 first 1800ft from East to West
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles over prep area west Block 8
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*



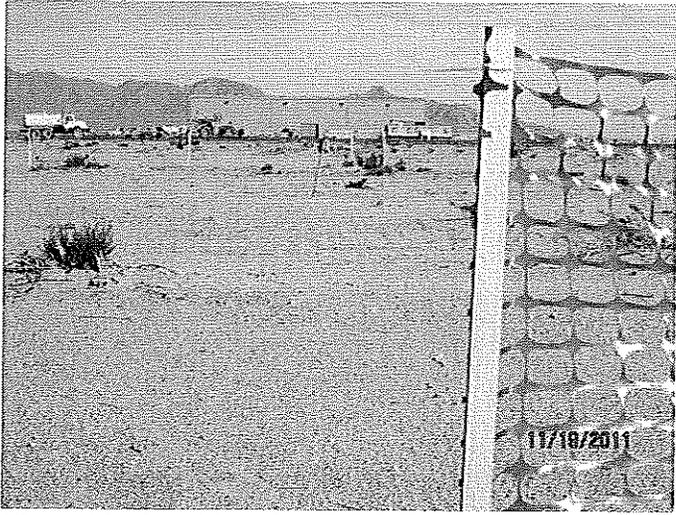
11-19-11, Den 18 burrow



11-19-11, Den 18 with remote cam and buffer



11-19-11, Den 19 burrow



11-19-11, Den 19 with remote cam and buffer

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/21/11

Monitor: Thomas Darden, Tsegaye Mengsitu BM

Start Time: 0530hr Stop Time: 1433hr

Weather Conditions: ptly cldy, lgt wind a.m.

Attachments: _____

High Temp.: 70p.m. Low Temp.: 55a.m.

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0532hr. Do ATV walk around and then move to Sukut JHA safety meeting. At meeting DB announces the 2 new kit fox dens in Block 8 discovered by DB on Saturday and cautions not to encroach the buffer. (See buffer avoidance photo below.) After meeting DB continues Block 8 clearance surveys moving west from the 1800ft cleared Saturday. Meet the new BM at solar field gate after he has safety training in Blythe. After brief overview of our scope of work, DB/BM resume final foot clearance transects east to west Block 8 and east to west Block 4. Both Block 4 and 8 fully surveyed starting on 11/14 Block 4, and 11/19 Block 8. Drive perimeter fence with new BM and then give ATV practical for BM. Well Pad 1 primary fill station minor ponding;* alt fill station none. DB/BM checked 4 parked scrappers, none with fugitive fluid leaks. DB/BM spot check for Agencies as requested off-site active Den 1KMS and find dead k fox at Den. At request of CDFG DVM DB agrees to take specimen to UC Davis Lab in San Bernardino for necropsy. DB departs solar field to get specimen on ice and then to office for clerical work at 1433hr.

Front Well - 78762; Well 0 - 27124; Well 1 - 36645; Well 2 - 23 (currently still not operating);

Den 17 - 0636hr, no activity, sweep 2; Den 18 - 0729hr, no activity fresh tracks, sweep; Den 19 - 0716hr, no activity fresh tracks, sweep

Monitor Checklist

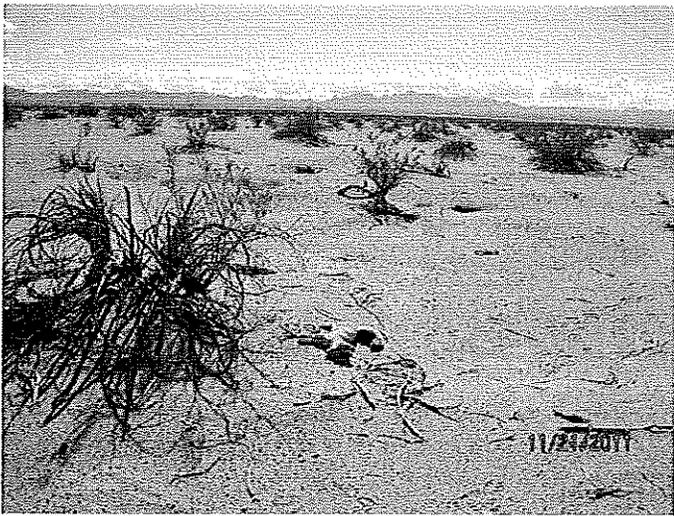
General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			Block 8 and Block 4 clearance complete
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered over PB1 foraging
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*Contractors were slated to bring little scrapper to spread soil and dissipate the water shortly.



11-21-11, Den 19 buffer avoidance



11-21-11, off-site Den 1KMS kit fox mortality

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/22/11

Monitor: Thomas Darden, Tsegaye Mengsitu BM

Start Time: 0800hr

Stop Time: 1433hr

Weather Conditions: n/a

Attachments: _____

High Temp.: 70p.m. Low Temp.: n/a

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

At request of DVM for CDF&G, DB departs Blythe at 0753hr for UC Davis Lab in San Bernardino for necropsy on 11/21 off-site discovered kit fox mortality. Lab technician takes possession of specimen at 1040hr and DB returns to solar field. On way into solar field DB notices small section of dirt access road in linear corridor outside tortoise fence had been graded. Per COC BIO 4, and BMP 4, a monitor is required to be present. DB discussed with CM to remind Contractors to contact DB in the future so he can have a monitor present. DB checks Den sites and switches out mem cards. DB checks on scrapper being worked on, and finds spill protection materials in place with no fugitive fluids observed as shown below. DB discusses with BM to check on sprinkler crew after yesterdays break and also to conduct a carcass canvas of the blacktop access road. BM conducted clearance survey ahead of grading in area for sedimentation pond south of Common Area and Block 8. Departs for office clerical work at 1433hr.

Front Well - 78762; Well 0 – 29831; Well 1 – 38313; Well 2 – 23 (currently still not operating);
 Den 17 – no activity, sweep 3; Den 18 – no activity, sweep; Den 19 – no activity, sweep

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?		X		work on dirt portion of access road, no BM
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered over common area
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*



11-22-11, equipment being repaired with spill protection materials



11-21-11, ruptured sprinkler ponded water, 1530hr



11-21-11, sprinkler ponded water corrected, 1600hr

Genesis Solar Energy Project

OFF-SITE

Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 11/21/11, 1300hr Observer: Thomas B. Darden Designated Biologist

Type of Incident (circle one): Injury / Fatality / Nest Tsegaye mengistu

Cause of Death: unknown

Condition (circle one) Intact Carcass / Dismembered Carcass / Feathers Only

Photo No. attached and follow electronically

Carcass Condition Details, Behavior of Injured Animal, or Nest Details:

Carcass and pelage, pristine. No broken bones, no signs of emaciation. Animal was 2 meters from nearest burrow entrance of Den burrow complex.

LOCATION OFF-SITE Den IKMS

DATUM: 11S

UTM E: 0685007

UTM N: 3726437

Location Details (microhabitat, etc.):

Bare ground and creosote bush scrub. This Den is approximately 1 km south of the Project boundary.

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Desert kit fox

Sex (circle one): Male / Female / Unknown did not check sex

Age (circle one): Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): Yes / No

Identification Remarks: carcass was lying on side with no sign of struggle or tracks of any kind. Body was in state of ripe mortis when found.

ENVIRONMENTAL CONDITIONS

Weather (circle one): Clear / Fog / Cloudy / Rain

Approx. Temperature (circle one) (°F) / °C: 70

Wind (circle one): Calm / Gusty / Storm / Violent Storm light and variable

Habitat (circle all that apply):

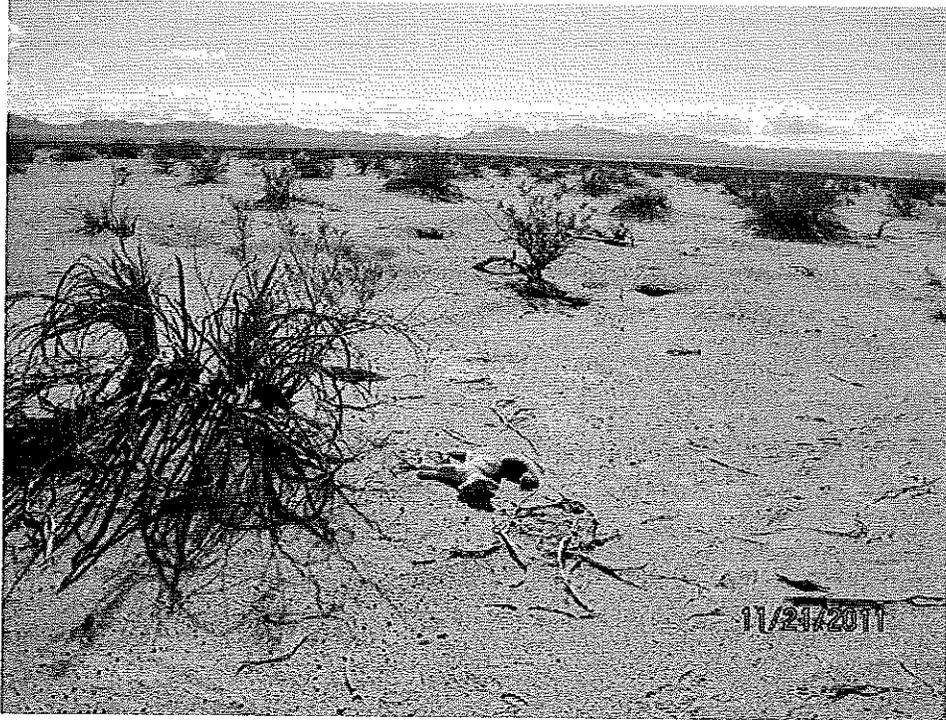
Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /

Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): At request of CDFG

DVM specimen taken to UC Davis San Bernardino Lab for necropsy



11-21-11, off-site Den 1KMS mortality proximity to Den/Burrow



11-21-11, Den 1KMS off-site mortality at original undisturbed position, 1300hr

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/22/11

Monitor: Thomas Darden, Tsegaye Mengsitu BM

Start Time: 0600hr

Stop Time: 1042hr

Weather Conditions: clr, calm, a.m.

Attachments: _____

High Temp.: 66 mid morn. Low Temp.: 39 am

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive solar field gate at 0602hr. Do ATV walk around. DB proceeds to conduct den observations and switch out mem cards. Partial site shut down due to critical Cultural find. BM conducts 100% perimeter tortoise exclusion fence check. Intact. Check and record water well use meters. No ponding at any of the fill stations. DB/BM then link up and conduct follow-up Den 8 dig down relocation den search. Discovered active den (Den 8 West) with 2 burrows 1/4mi northwest of old Den 8. The newly discovered den is outside the perimeter fence and Project boundaries. Shot GPS point and took photo documentation (below). Checked the 6 other known active dens outside the Project boundary. Found no recent carcasses but did find skeletal remains for Access Road Den 2. Time of death \leq month. DB and BM depart for office clerical work and DB for ATV fuel at 1042hr.

Front Well - 78762; Well 0 - 30032; Well 1 - 38824; Well 2 - 23 (currently still not operating);

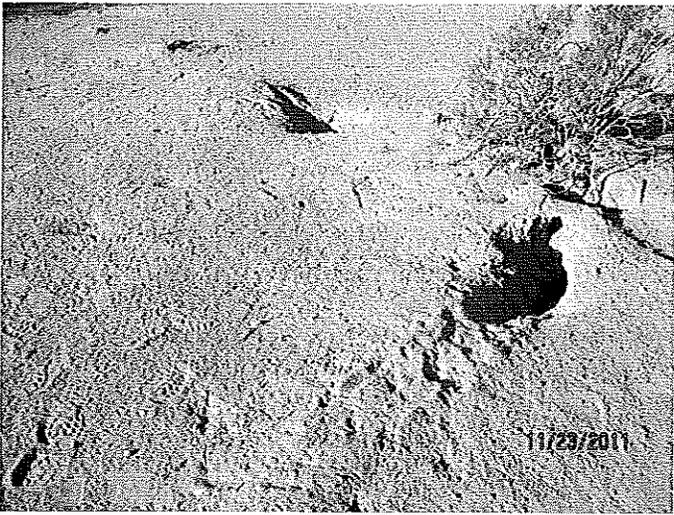
Den 17 - no activity fresh scat, sweep 3; Den 18 - no activity fresh tracks, sweep; Den 19 - no activity fresh tracks, sweep

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?			X	
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?	X			
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter fence check
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles over S. Common Area and PB1
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*



11-23-11, Den 8 West, 200m west of fence

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/25/11

Monitor: Thomas Darden

Start Time: 1015hr Stop Time: 1100hr

Weather Conditions: clr, high SW winds a.m.

Attachments: _____

High Temp.: 68 mid morn. Low Temp.: 66

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive Guard Gate at 1013hr. Proceed to solar fields and do ATV walk around. DB does den observations only on active dens inside the solar field and switches out remote camera memory cards. Did not check water meter use readings as read Wednesday and no work in the Project area since. No other personnel observed on-site today by the DB. DB departs solar fields at 1050hr and exits Guard Gate at 1100hr for office clerical work.

Front Well - 78762; Well 0 – 30032; Well 1 – 38824; Well 2 – 23 (currently still not operating);
Den 17a,b – 1034hr, no activity, sweep;

Den 19 – 1029hr, no activity fresh tracks, sweep (see attached)

Den 18 – 1026hr, no activity fresh tracks, sweep (see attached)

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?			X	
All activities within approved workspace limits?			X	
Only approved access roads utilized for ingress and egress?			X	
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?			X	
Topsoil segregated properly?			X	
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?			X	100% perimeter fence check
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			singles over S. Common Area
All ESAs and other bio-related exclusion areas marked and avoided?			X	

Additional Notes:

*



844°F ○ 11/25/11 06:02AM GENESIS2

Friday morning 11-25-11, Den 18 in NE Block 8, 0602hr



844°F ○ 11/25/11 07:48AM MYCAMERA

Friday morning 11-25-11, Den 19 in central Block 8, 0748hr



11-21-11, Den 19 buffer

Genesis Solar Energy Project
Kit Fox Status Synopsis

Nov. 25, 2011

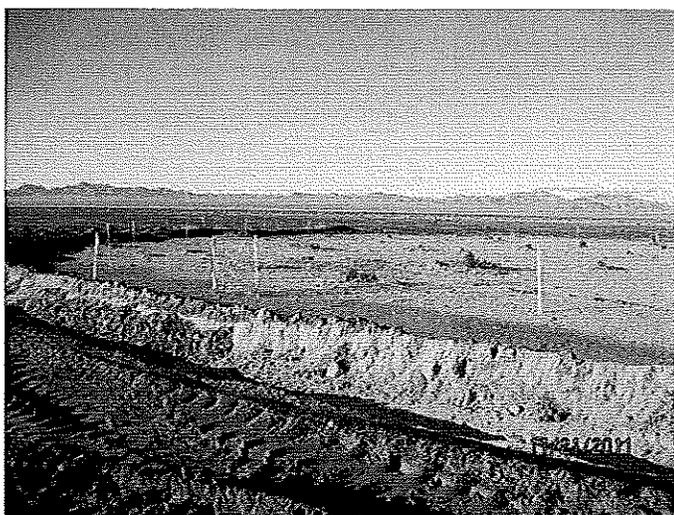
Den Locations:

The current dens are Den 17 located south-central Power Block 1 (PB1); Den 18 in the southeast portion of PB1; and Den 19 also in the southeast portion of PB1. Worthy of note, the DB discovered what may be the new Den residents of old Den 8 inside the Project Area may have settled at. It is ¼ mile northwest of the old Den 8 site and 200m outside of the Project Boundary perimeter fence.

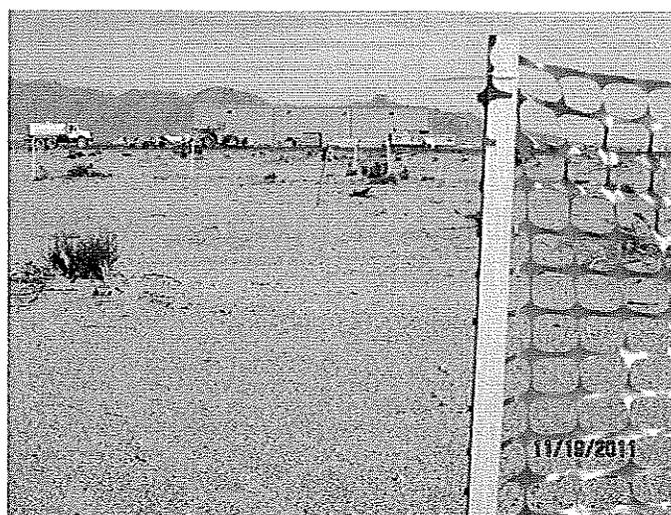
All dens have 75ft buffers in place. The buffers are staked with lathe and tied with high Vis pink flagging. The buffers also have four structures with high Vis orange safety fence at each cardinal direction.



11-23-11, new Den 8 West, 200m west outside of fence



11-21-11, Den 19 buffer avoidance



Den 19 with remote cam and buffer, 11-19-11

Individual Den Status:

Den 17 Potentially active, numbers unknown. 2 burrows, one facing east, one facing west. Three animals have now been found either dead or dying from this den. One remote camera on each burrow. DB will request authorization to dig down via 3 parameter protocol.

Den 18 Active, confirmed 1 based on remote cam footage. 1 burrow and remote camera installed Sat. 11/19/11

Den 19 Active, confirmed 2 based on remote cam footage shown below. 1 burrow and remote camera installed Sat. 11/19/11

Incidental Sightings:

The DB/BM observed 1 apparently healthy fox at the active off-site S. Shrike Tree Den this week.



11-23-11 Den 19, 1811hr



11-25-11 Den 18, 0602hr

Den 1KMS off-site Mortality

On Monday 11-21-11 at 1300hr as the DB and BM arrived at the 1KMS active Den well outside the Project boundary to check on as a courtesy to the Agency biologists, the DB observed a dead kit fox 2m from a burrow entrance. It was pristine other than the fact it was dead. It is now at the Lab awaiting expedited necropsy. The Wildlife Incident Form follows.



11-21-11, Den 1KMS original undisturbed position, 1300hr



11-21-11, off-site Den 1KMS den/burrow proximity, 1309hr

Genesis Project Progression:

Dens 17, 18, and 19 will continue to be monitored closely and as mentioned above, the DB will be seeking authorization next week to dig down Den 17 based on the three parameter system of determining the Den is unoccupied.

The Designated Biologist had been periodically checking the now 7 active off-site Dens he has discovered as a courtesy for the Agencies trying to track the high number of mortalities in the area. Unless the Agencies and the Genesis ECM can come to a cost sharing agreement or otherwise reach an agreement, the DB has been informed by the ECM he will no longer be authorized to check on these dens or deliver specimen discovered for necropsy. The DB is helplessly stuck in the middle trying to assist the Agencies get data to understand and possibly intercede on a disease outbreak, but also recognizes he is employed by the Genesis Project.

/s/ Thomas Darden

Thomas B. Darden
Designated Biologist, GSEP
(530) 604-5496

Genesis Solar Energy Project

OFF-SITE

Construction Wildlife Incident Form

*** All Fields Must Be Filled Out. Do Not Leave Any Field Blank. ***

INCIDENT DETAILS

Date: 11/21/11, 1300hr Observer: Thomas B. Darden Designated Biologist

Type of Incident (circle one): Injury / Fatality / Nest Tsegaye Mengistu

Cause of Death: unknown

Condition (circle one) Intact Carcass / Dismembered Carcass / Feathers Only

Photo No. attached and follow electronically

Carcass Condition, Details, Behavior of Injured Animal, or Nest Details:

Carcass and pelage, pre-emptive. No broken bones, no signs of emaciation. Animal was 2 meters from nearest burrow entrance of Den burrow complex.

LOCATION OFF-SITE Den IKMS

DATUM: 11S

UTM E: 0685007 UTM N: 3726437

Location Details (microhabitat, etc.):

Bare ground and creosote bush scrub. This Den is approximately 1 km south of the Project boundary

IDENTIFICATION

Bird / Bat / Unknown / Other (circle one)

Species (if unknown, write 'unknown'): Desert kit fox

Sex (circle one): Male / Female / Unknown did not check sex

Age (circle one): Adult / Juvenile / Unknown

Is Animal Tagged? (circle one): Yes / No

Identification Remarks: carcass was lying on side with no sign of struggle or tracks of any kind. Body was in state of rigid mortis when found

ENVIRONMENTAL CONDITIONS

Weather (circle one): Clear / Fog / Cloudy / Rain

Approx. Temperature (circle one) (°F) / °C: 70

Wind (circle one): Calm / Gusty / Storm / Violent Storm light and variable

Habitat (circle all that apply):

Bare Ground / Creosote Bush Scrub / Sand Dune or Sand Sheet /

Playa / Ephemeral Wash / Desert Pavement

NOTIFICATION

Actions Taken (e.g., left in place, taken to rehab): At request of CDFG

DVM specimen taken to UC Davis San Bernardino Lab for necropsy

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/28/11

Monitor: Thomas Darden, Donna Germann BM

Start Time: 0530hr Stop Time: 1402hr

Weather Conditions: clr, calm a.m.

Attachments: _____

High Temp.: 74 pm. Low Temp.: 39

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0530hr and do ATV walk around. Move to Pad 0 for Sukut JHA safety meeting. After meeting DB gives new BM a brief orientation of current work locations, new ATV walk around procedure, and Project status. DB then takes BM to show where the new k fox dens and buffers are and to switch out the remote camera memory cards. DB Then dispatches BM to conduct a 100% perimeter tortoise exclusion fence check. Intact. DB move out to check progress on the sprinkler crew and a follow-up clearance check of Block 6. BM while driving the north fence over PB2 discovered what may be new k fox burrows. DB/BM return to investigate. Old burrows not active. DB/DM then move to south fence line PB2 to do surveys in area of high k fox tracks. No dens found in area surveyed inside Project area. DB checked on 4 parked scrappers throughout the day and none had fugitive fluid leaks. When checking the water use meters all water fill stations showed no significant ponding a.m. DB/BM clean out tortoise trap at the solar field entrance to due heavy blowing sand over the weekend and then DB releases BM and departs solar fields for ATV fuel and office clerical work.

Front Well - 78762; Well 0 - 0657hr, 30215; Well 1 - 0738hr, 39038; Well 2 - 0704hr, 23 (currently still not operating); Den 17a,b - , no activity, sweep; Den 18 - , no activity fresh tracks, sweep; Den 19 - , no activity fresh tracks, sweep

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		some on south fence south Common Area
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter fence check
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered in ground disturbing areas
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

*

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/29/11

Monitor: Thomas Darden

Start Time: 0530hr Stop Time: 1502hr

Weather Conditions: mstly cldy, SE winds a.m.

Attachments: _____

High Temp.: 77 pm. Low Temp.: 49

Photographs: _____

Sites Monitored

Circle One: Plant Site Access Road Gas Line Transmission Line Other (explain)

Activity Log:

Arrive solar field gate at 0531hr and do ATV walk around. Move to Common Area for Sukut JHA safety meeting. BM called in sick at 0532hr. After meeting DB moves to get well meter readings. DB then moves to do den obs and switch out mem cards. Well Pad 0 fill station no ponding a.m. Well Pad 1 primary fill station good, alt fill station fill valve sticking open causing serious leaking. No ponding currently. Discuss later with Com Monitor sticking valve and leak who said would relay to Contractor. Checked on scrapper 57-21 being worked on and had appropriate drip pans down catching fluids. Move over to monitor Block 8 west where disc prep is working. Check on scrapper 57-40 being repaired with spill protection materials shown below. Receive call from ECM relaying directive to bump out the buffers for the two active dens (18,19) from the current 75ft to 300ft and resume daily checks at off-site active dens. Completed extending buffer for Den 19 today and will complete Den 18 tomorrow. Discussed with Grading Straw the expansion of the buffers. He said they would work around them. Sukut is having a partial shutdown tomorrow with only water and prep crew working. Depart site to pic up resource buffer flagging tape and for office clerical work at 1502hr.

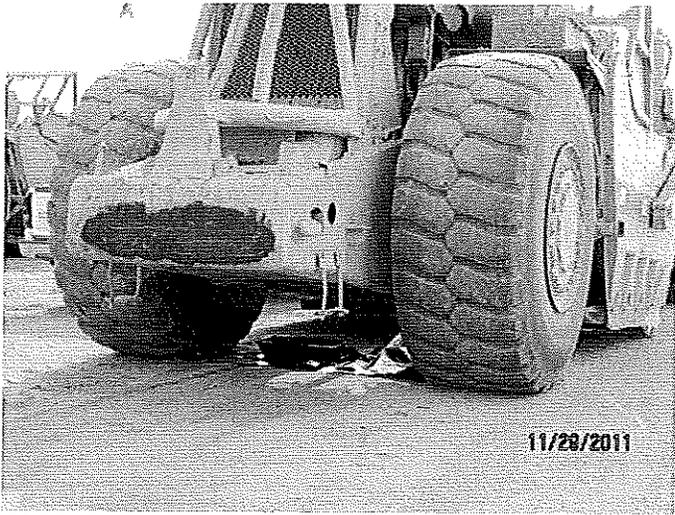
Front Well - 78762; Well 0 - 0611hr, 30751; Well 1 - 0617hr, 40366; Well 2 - , 23 (currently still not operating); Den 17a,b - , no activity, sweep; Den 18 - , no activity fresh tracks, sweep; Den 19 - , no activity fresh tracks, sweep
 Extend buffer for Den 19 to 300ft as directed

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?		X		some south fence of Common Area
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?	X			
Speed limit observed by all project personnel?	X			
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?	X			
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			100% perimeter fence check
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			foraging in disc prep area W Block 8
All ESAs and other bio-related exclusion areas marked and avoided?	X			

Additional Notes:

Red-tailed hawk perching NW PB1 and Ferruginous hawk perching in tree south portion of Con. Set-aside Area (Shrike Tree).



11-29-11, Scrapper 57-40 with spill protection

Genesis Solar Energy Project

Biological Monitor (BM) Daily Report

Date 11/30/11

Monitor: Thomas Darden, Donna Germann BM

Start Time: 0530hr Stop Time: 1502hr

Weather Conditions: mstly cldy, SE winds a.m.

Attachments: _____

High Temp.: 77 pm. Low Temp.: 49

Photographs: _____

Sites Monitored

Circle One:
 Plant Site
 Access Road
 Gas Line
 Transmission Line
 Other (explain)

Activity Log:

Arrive solar field gate at 0531hr and do ATV walk around and then move to Common Area for Sukut JHA Safety meeting. Found no safety meeting as Sukut is only running a water truck today. DB/BM then do quick Den Obs for carcasses – none found. DB/BM then complete buffer extension for Den 18. DB/BM complete high vis pink flagging Den 19 as yesterday ran out and had to use flat red. Switch remote camera memory cards for Dens 17,18,19. Well Pad 1 alt fill station ponding water due to stuck valve. Water not flowing at the moment.* Alerted Com Monitor via BV Insp. riding together today. Check off-site dens as directed for carcasses and status – no carcasses found. Scrapper 51-83 as shown below with minor fugitive fluid leak. Will alert mechanic when back on site tomorrow. Check Well use meters. Return to solar field gate and meet BV and Blattner Safety Men who safety audited DB/BM. No deficiencies. Check active dens off black top access road as directed while departing for office clerical work. None found. Exit Guard Gate at 1540hr.

Front Well - 78762; Well 0 – , 31599; Well 1 – , 41361; Well 2 – , 23 (currently still not operating);
 Den 17a,b – , no activity, sweep; Den 18 – , no activity fresh tracks, sweep; Den 19 – , no activity fresh tracks, sweep
 Extend buffer for Den 18 to 300ft as directed

Monitor Checklist

General	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Workspace limits verified and properly marked?	X			
All activities within approved workspace limits?	X			
Only approved access roads utilized for ingress and egress?	X			
Access road signs in place?			X	
Trash and debris contained and disposed of in proper manner?			X	
Topsoil segregated properly?	X			
Topsoil segregation barriers maintained?			X	
All crew on site displaying hard-hat decals from WEAP training?			X	
Speed limit observed by all project personnel?			X	
Biological Issues	Ye s	No	N/A	Comments Attach Supplemental Report if needed
Work area cleared by BM prior to construction activity beginning?			X	
Any desert tortoise or other T&E species encountered? If so, note species in comments and attach wildlife incident data form.		X		
Tortoise exclusionary fence and/or ramps intact?	X			
Any nesting birds observed? Note species (if known) and location.		X		
Common Ravens Present? If yes, note number and activity.	X			scattered singles flying about
All ESAs and other bio-related exclusion areas marked and avoided?			X	

Additional Notes:

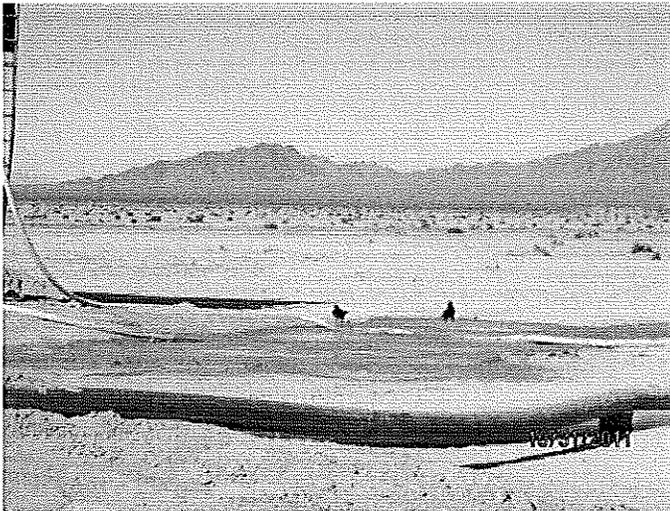
*Spoke with CM after getting back to office and problem will be resolved tomorrow as water storage tanks are being moved around.



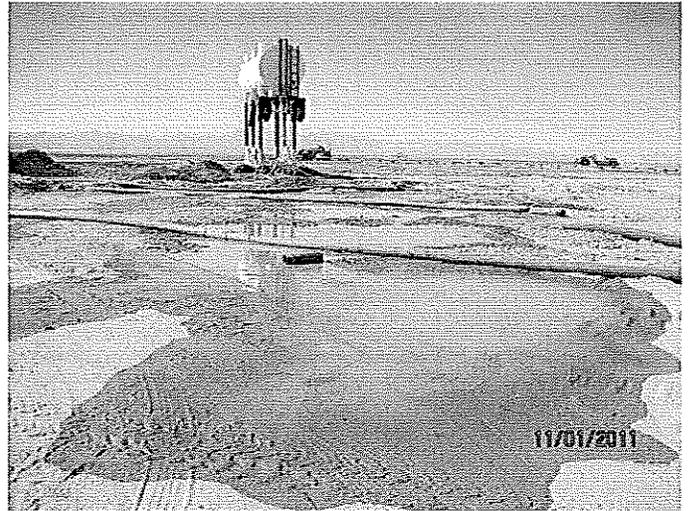
11-30-11, Scrapper 51-83 with minor fugitive fluid leak

Genesis Solar Energy Project
Weekly Biological Summary
10/30/11 to 11/05/11

As mentioned last week, all three Well Pads have operational wells now. Due to the increased demands at Well Pad 1 from the primary water tower fill station as well as the alternate water tower fill station, there have been intermittent issues with sticking fill valves, over filling water trucks, and otherwise leaks causing ponding. The DB continues to recommend placing surplus rip rap down that will aid in water percolation of overflow. The DB also encourages a more timely response when these ponding issues occur.



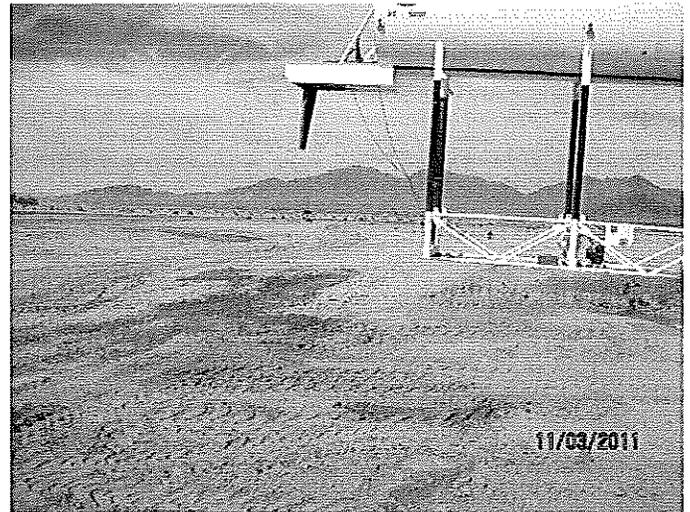
10-31-11, Alt water tower Pad 1



11-01-11, Alt water tower Pad 1



11-03-11, Well Pad 1 primary fill station not ponding a.m.



11-03-11, Well Pad 1 alt fill station not ponding a.m.

As was also mentioned last week, all of the large construction water pump generators as well as the smaller ones are checked daily by the DB or BM for fugitive fluid leaks and this week again all are in good shape with no leaks. Cut and fill grading operations continue involving cut in Block 5 with fill on Block 7. Block 3 pre-watering and discing ground preparation continues westward as fill operations begin on the east end. Blocks 7 and 5 are about a week out from finish grade. Sprinkler soil water amending also continues westward in Blocks 1 and 2 in front of eventual cut and fill operations with water trucks and water wagons constantly amending the soil throughout the day at the active cut and fill areas as well as watering the scrapper haul roads. The DB and BM conduct daily general wildlife clearance foot transects ahead of cut and fill operations in addition to their other assigned tasks.

Construction monitoring activities by the DB and BM were altered this week due to a 3 day kit fox den excavation (dig down) as it went inactive per established protocol. On each of the 3 days for the dig down, the DB gave his own Kit Fox Burrow Excavation JHA safety briefing. The other days the DB and BM still arrive to attend the Contractor JHA safety meeting starting at 0600hr next week due to the time change. After attending the Contractor safety meeting, the DB and BM then either move together as needed or one goes to the linear corridor as required to monitor target activities and the other in the solar fields to clear areas ahead of earth moving, collect kit fox data, monitor ponding water, monitor litter and food cast off, and monitor spill clean-up when required.

Near gale force winds causing severe blowing dust and reduced visibility forced a full shut down of grading operations one day this week. The Genesis team has a new site Monitor which along with other responsibilities will include daily dust monitoring.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues to track status. The proposed Den 8 forced relocation proposal has final authorization and is scheduled to begin 0630hr on Monday 11-07-11. The proposal is discussed in the weekly kit fox status update. This week all of the burrows of Den 5 as mentioned above were dug down to confirm empty and then collapsed to discourage reoccupancy. This leaves only the new Den 17, and Den 8 known on the site.



11-04-11, Den 5 third day final 4 surface burrows before dig down



11-04-11, Den 5 dig down final 7 burrows found backfilled

Raven presence in the solar fields was notably higher this week. The dust storm on Wednesday this week completely filled in the tortoise trap at the entrance of the fenced solar fields. It was cleaned out that afternoon, and again Thursday morning. The DB conducted as required a 100% tortoise exclusion perimeter fence check Monday and Thursday this week. There was a rain event overnight Friday so as required the DB conducted another 100% perimeter fence check Saturday morning. It was intact with no soil erosion. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed.

/s/ Thomas Darden

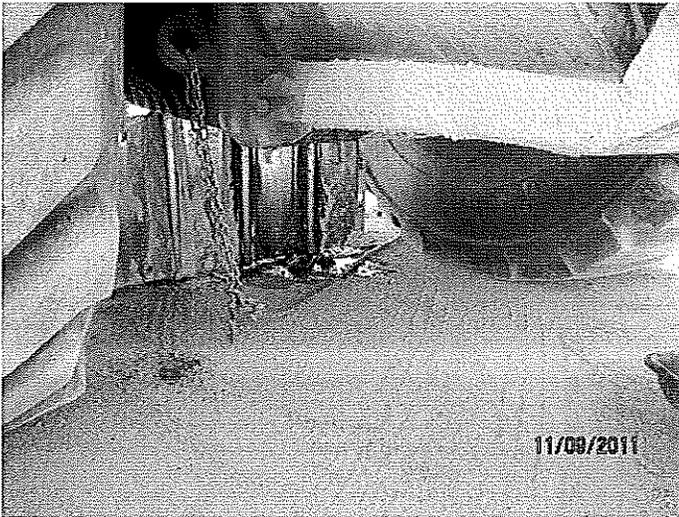
Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Genesis Solar Energy Project
Weekly Biological Summary
11/06/11 to 11/12/11

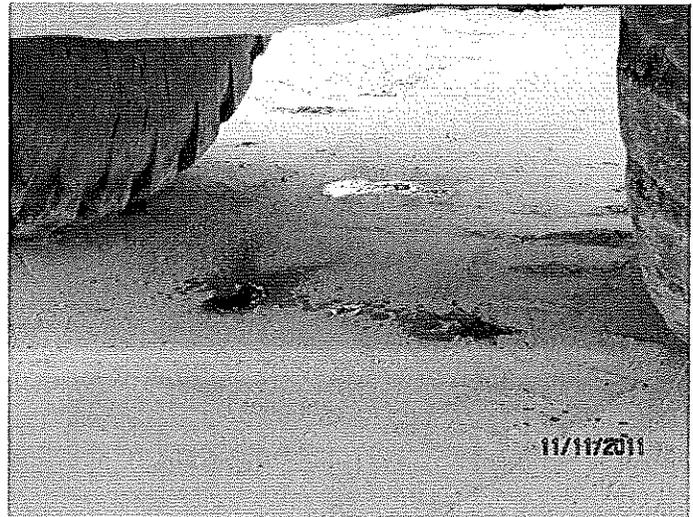
Cut and fill grading operations continue. Blocks 5 and 7 are nearing completion and final grade. Blocks 1 and 3 continue cut and fill operations. Block 2 and Block 4 according to the last 3 Week Look Ahead are scheduled for mass excavation and fill prep respectively beginning early next week. Sprinkler soil water amending also continues westward with water trucks and water wagons constantly amending the soil throughout the day at the active cut and fill areas as well as the scrapper haul roads. The DB and BM conduct daily general wildlife clearance foot transects ahead of cut and fill operations per the schedule in addition to their other assigned tasks.

The Common Area Trailer City that will eventually house offices for the Genesis and Bureau of Veritas staff is well under way with trailers on-site and being prepared. The power poles for the electricity coming in to the site are being stored inside the solar fence near the gate in preparation for installation scheduled for sometime around the first of the month.

Several pieces of heavy equipment had fugitive fluid leaks this week noted by the Designated Biologist (DB) and Biological Monitor (BM) with no containment measures in place. The DB continues to remind the equipment mechanics that these leaks require placing of absorbent materials down or placing drip pans under even while working on them to the extent possible.

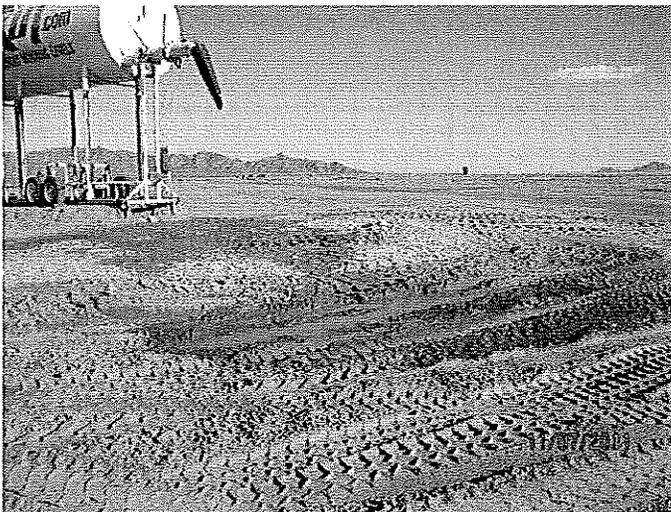


11-09-11, Scrapper 57-63 being repaired with fugitive fluid leak

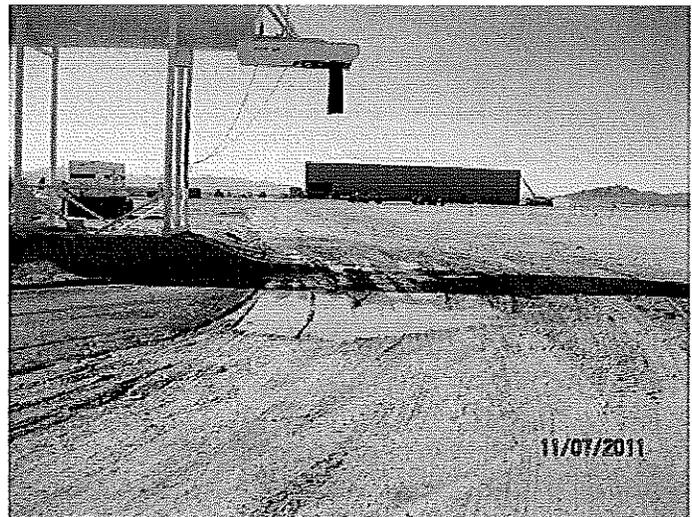


11-11-11, water wagon 51-83 with fugitive fluid leaks

The Contractors continue to struggle with keeping the water fill stations at Well Pad 0 and Well Pad 1 from ponding with the high refilling demands trying to amend the soil for grading or otherwise general dust abatement.



11-07-11, Minor ponding primary fill station Pad 1, p.m.



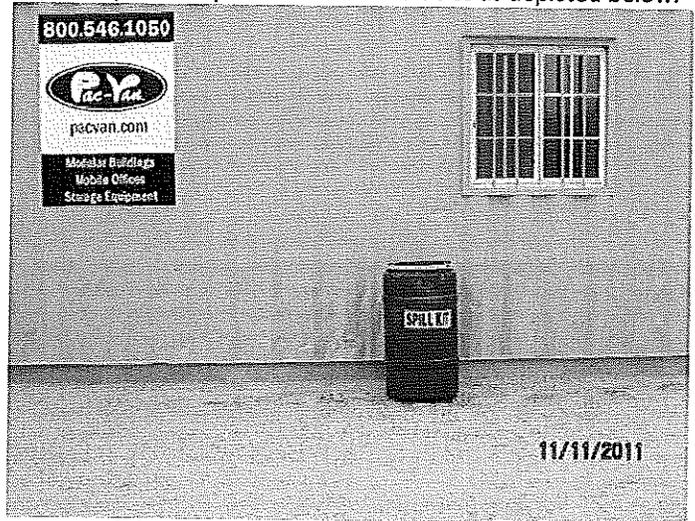
11-07-11, Ponding at fill station Pad 0, p.m.

After these photos were taken, later in the week Contractors initiated a proactive procedure where a box scrapper makes regular rounds to drag soil over and disperse accumulating overflow water as well as adding rip rap to aid in downward water percolation.

On a site visit Friday, the DB noted proactive subcontractors following as required steps to meet various COCs as depicted below.



11-11-11, to prevent ravens covered dumpster at Bldg Assm Area



11-11-11, for fluid leaks drum spill kit container at Bldg Assm Area

Construction monitoring activities by the DB and BM were altered again this week due to the Kit Fox Burrow Excavation Proposal for formerly active Den 8. Details of the authorized proposal and successful operation are contained in the wklly K Fox Status Report. As was the case last week for the procedural Den 5 collapse, on each of the 3 days for the dig down, the DB gave his Kit Fox Burrow Excavation JHA safety briefing. On other days the DB and BM still arrive to attend the Contractor JHA safety meeting starting at 0600hr. After attending the Contractor safety meeting, the DB/BM then move together as needed or one goes to the linear corridor as required to monitor target activities and the other the solar fields to monitor, clear ahead of earth moving, collect kit fox data, maintain avoidance buffers, monitor litter and food cast off, and monitor spill clean-up when required.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. There was another kit fox mortality this week at the last active den. The DB observed a kit fox motionless appearing dead at Den 17. Upon closer inspection, the DB noticed the fox had shallow breathing but with periodic convulsions. The DB took the fox in a padded pet carrier to a vet in Blythe to try and save the animal but the vet refused treatment. By the time the DB did get the animal to a hospital in Palm Desert that offered to help, it had died sometime in route. The DB left Blythe at 1400hr with the fox still alive, but when he arrived at the hospital facility in Palm Desert at 1540hr the fox was dead. The fox was taken then to a UC Davis facility for necropsy.



11-10-11, a kit fox at east burrow minutes prior to discovery at right



Den 17 DB observed fox original undisturbed position 1120hr

Raven presence in the solar fields clearly fluctuates depending on the amount of free (ponding) water on site. On days where the water fill stations remain relatively dry, raven presence is lower. The DB observed a laborer this week out policing the southern Common Area for litter. This effort along with keeping trash containers covered will greatly reduce the attraction of ravens flying to the Project Area and reduce chances of juvenile tortoise mortality. The DB conducted as required a 100% tortoise exclusion perimeter fence check Monday this week. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed.

/s/ Thomas Darden

Thomas B. Darden, GSEP

Designated Biologist

(530) 604-5496

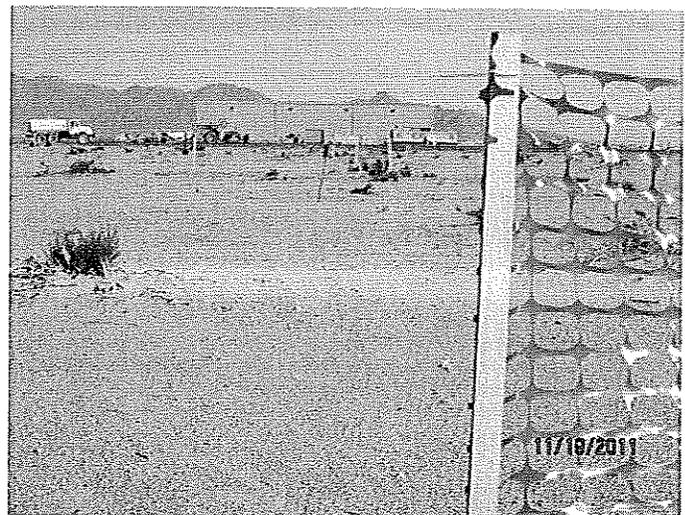
Genesis Solar Energy Project
Weekly Biological Summary
11/13/11 to 11/19/11

Cut and fill grading operations continues in Blocks 1 and 3. Block 2 and Block 4 began this week but a sensitive cultural resource find caused the Contractors to temporarily move over to Blocks 6 and 8 until the cultural site can be fully evaluated. Soil water amending also continues with water trucks and water wagons constantly amending the soil throughout the day at the active cut and fill areas as well as the scrapper haul roads. Due to the change in cut and fill Blocks mentioned above, the Contractors worked this Saturday and Sunday preparing Block 8 by discing and water amending so that it would be ready for fill operations on Monday per dust mitigation. The DB and BM conduct daily wildlife clearance foot transects ahead of cut and fill operations per the schedule most recently through Block 4 from west to east. Also due to the change in cut and fill Blocks, the DB went out this Saturday ahead of the fill prep crew to clear Block 8 from east to west.

While clearing ahead of the Block Prep Crew, the DB discovered two new kit fox dens as shown below (Den 18, Den 19). They both have a 75ft radius buffer of lathe and high vis pink flagging with 4 high vis orange safety fence structures at the 4 cardinal directions.



11-19-11, Den 18 burrow discovered just south of Block 7



11-19-11, Den 19 with remote cam and buffer central Block 8

Work also continues preparing the Common Area Trailer City along with progress on the Building Assembly Area. This week the DB checked on equipment being worked on a couple of occasions and the mechanics had drip pans at hand with no fugitive leaks. The slow process of repairing or replacing worn hydraulics hoses and O rings on so many pieces of equipment is starting to catch up.

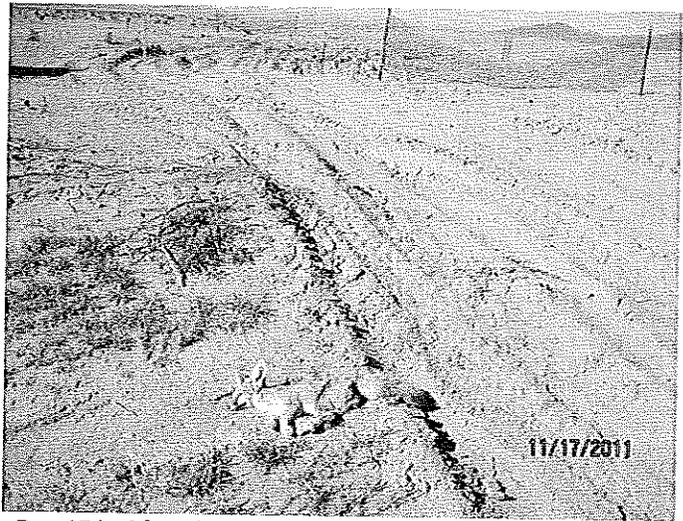
There was a spill of hydraulic fluid in the back of one of the Contractor's truck; but as the DB and BM came to investigate the laborers were already removing the contaminated soil and the Contractor Safety Man in charge of spill cleanup did contact the DB later advising him of the leak not knowing the DB was on scene when it occurred. The DB continues to remind personnel about food cast off and litter. In saying that, a laborer was scene several times this week by the DB policing the south Common Area and equipment parkline.

The water fill stations are continually being improved to try and mitigate overflow water as the large capacity water wagon and off-road water trucks refill. This Saturday the DB noticed the fill valve on the Well Pad 0 water fill station was apparently was partially stuck open. The DB contacted the Grading Straw and the CM. At the close of business when the DB departed the solar field he checked the fill station and the leak was fixed.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. There were two kit fox mortalities this week at the last active Den 17 discovered on the same day. As the DB and BM arrived at Den 17 to install authorized "one way doors" to passively exclude the foxes, the BM observed a dead kit fox northwest of the west burrow entrance. As the DB completed the Wildlife Incident Form, he observed a second dead kit fox 37m northeast of the east burrow entrance. One animal had been partially foraged on apparently by a raven. The other animal appeared pristine. Like last week, the DB took the specimens to a UC Davis Lab facility for necropsy to determine cause of death. More details are in the weekly Kit Fox Status report.



Den 17 adult male kit fox mortality 11-17-11, 0931hr



Den 17 juvi female mortality den proximity 11-17-11, 1015hr



Den 17, raven at burrow entrance, 11-17-11, 1249hr

Raven observations in the solar fields this week have been primarily associated with foraging of incidental rodent mortalities in the grading cut and fills areas. Even if zero surplus water could be accomplished, ravens would still be present to some extent opportunistically foraging during grading work. As required a 100% tortoise exclusion perimeter fence check was conducted Monday this week and the required monthly raven point observation count was conducted on Wednesday. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed.

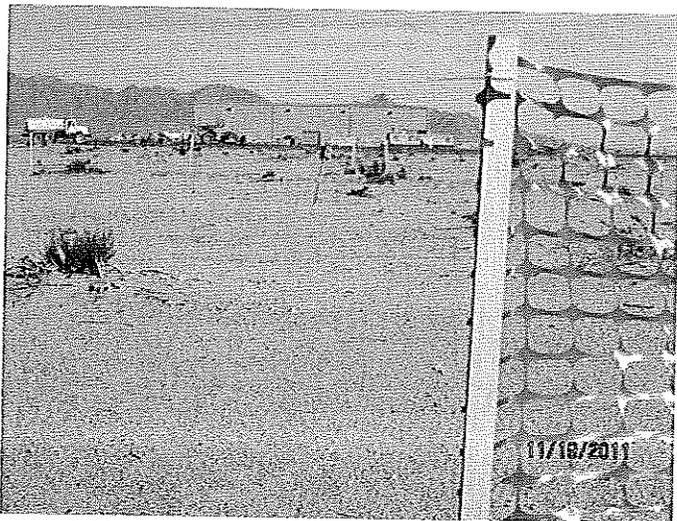
/s/ Thomas Darden

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

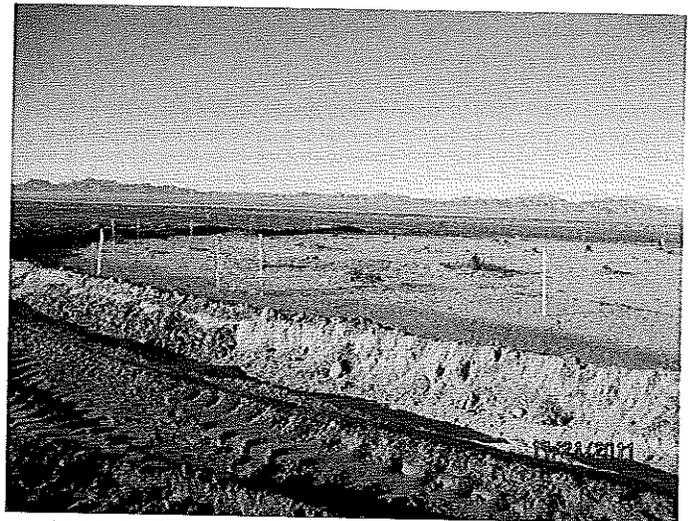
Genesis Solar Energy Project
Weekly Biological Summary
11/20/11 to 11/26/11

This was a short week due to the holiday and a ground disturbing halt of activities while the sensitive cultural resources find is further evaluated. Cut and fill grading operations temporarily moved to Blocks 6 and 8 were also halted as well as preliminary work on the sedimentation pond south of the Common Area. Once grading activities continue, the DB and BM will continue to conduct daily wildlife clearance foot transects ahead of cut and fill operations per the most recent 3 week look ahead schedule.

The two new kit fox dens discovered by the DB last week (Den 18, Den 19) have been avoided the short time the Contractors were allowed cut and fill grading operations this week. They both have a 75ft radius buffer of lathe and high Vis pink flagging with 4 high Vis orange safety fence structures at the 4 cardinal directions.

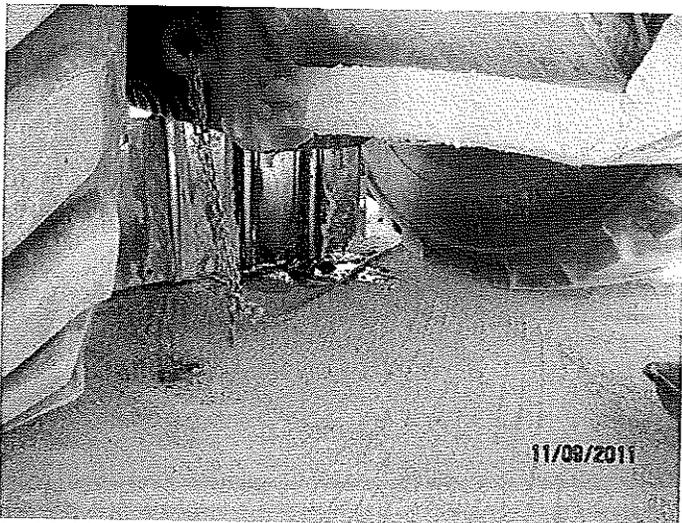


11-19-11, Den 19 burrow discovered central Block 8



11-21-11, Den 19 buffer avoidance central Block 8

It is not clear if work will be allowed to continue on the Common Area Trailer City and the Building Assembly Area. As mentioned last week, the slow process of repairing or replacing worn hydraulics hoses and O rings on so many pieces of equipment is starting to catch up. The DB made several checks on equipment either parked or being worked on and found no significant fugitive leaks.



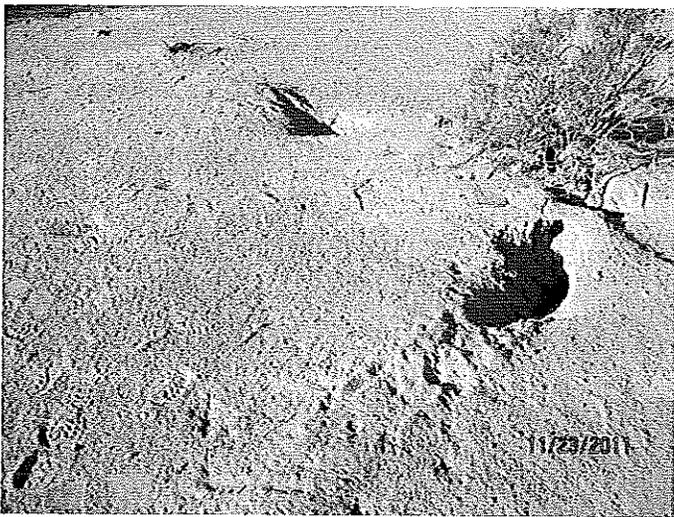
11-09-11, Scrapper 57-63 being repaired with no spill protection



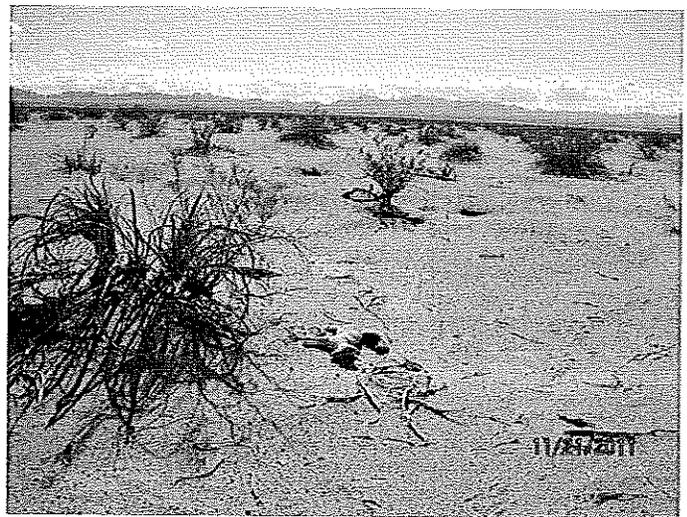
11-22-11, equipment being repaired with spill protection materials

There was an instance this week where a dirt portion of the access road that runs through the unfenced linear corridor was being maintained by a grader with no Biological Monitor present. The DB discussed with the CM the importance of having a monitor present per BIO-8, the Impact Avoidance and Minimization Measures, to clear ahead of equipment for desert tortoises in areas that have not been fenced with the desert tortoise exclusion fence. It goes on to say for all activities that have the potential to disturb soil, vegetation, and wildlife.

Daily monitoring of kit fox dens with collection of remote camera memory cards and photo documentation continues. There was a kit fox mortality discovered this week by the DB but it was an off-site Den. The DB had been periodically checking active off-site dens as a courtesy for the Agencies as it is possible there may be a distemper outbreak. The DB also continued surveying the area inside the Project area around old active Den 8 to be sure the forced relocation residence did not reestablish a new Den inside. The DB and BM did discover a new two burrow Den system not far northwest of old Den 8 outside of the Project exclusion fence about 200m that hopefully is where the old Den 8 animals moved to. More details are in the weekly Kit Fox Status report.



11-23-11, new Den 8 West, 200m west of Project fence



11-21-11, off-site Den 1KMS mortality

As required a 100% tortoise exclusion perimeter fence check was conducted Wednesday this week and the required monthly raven point observation count was conducted on last week. Sporadic raven sightings continue in the solar fields. No nesting birds, burrowing owls, MFTL, or desert tortoises observed this week. No road kill observed.

/s/ Thomas Darden

Thomas B. Darden, GSEP
Designated Biologist
(530) 604-5496

Appendix C
Worker Environmental Awareness Program Training

BACK INJURY PREVENTION TIPS

Most of you have probably heard that in order to lift safely, you must lift properly. You're told to "bend your knees not your back," and "don't twist as you lift." This is good advice but sometimes seems to go against human nature. Yet, there *are* actions you can take to help you lift properly.

1. Get as close to the load as possible. The further the load is from the center line of your body, the greater the strain imposed on your back. If need be, squat down to lift the load and pull it between your legs. This gets it closer to the center of your body and helps prevent the need to bend at the waist. However, since your leg muscles are the largest muscles in your body, they are the biggest energy consumers. Repeated squatting can be very fatiguing, and reduces a person's ability to lift in this manner for any length of time. In addition to lifting the load, you are also hoisting the majority of your body weight. For *repeated* lifting, other strategies must be used.

2. Avoid picking up heavy objects placed below your knees. Try to see that heavy objects are placed and stored above knee level and below shoulder level. If you suspect the load is too heavy to be lifted comfortably, do not chance it. Use a mechanical aid, break the load down into its component parts, or get help. The most common cause of back injury is overloading.

3. Keep your back straight. This means don't bend at the waist when reaching to lift an object. Keep the natural arch in your lower back, which distributes the load evenly over the surface of spinal disks, and is less stressful than if the disk is pinched between vertebrae. Bending principally from the hips is acceptable if you maintain the arch in your back, rather than bending at the waist.

4. Glue your hand to your thigh. If you carry a load in one hand, such as when carrying a tool box, place your free hand on the outside of your thigh and mentally "glue" it into position. This will help you maintain correct back alignment rather than lifting and tilting to one side. When carrying a heavy load, side bending can be just as stressful to the spine as bending forward.

5. Tighten your stomach muscles. This technique helps prevent your spine from twisting. If you lift a load and need to place it off to one side, turn by moving your feet. After repeated lifts you might find yourself getting a bit sloppy and forgetting to move your feet. You can overcome this tendency if the place you set the load down is at least one step away from where it is lifted. If you wear a back support belt, wear it low on your trunk and loosen it when you are not lifting.

6. Stay in good physical condition. A protruding stomach is an extra load carried away from the center line of the body, and prevents you from keeping a lifted object close-the number one rule for back care. When you bend at the waist to lift, due to the leverage principal, the load is up to 10 times heavier than its actual weight. A "pot belly" puts extra, stressful weight on the spine.

7. Stretch and loosen up before work. Research has shown that trunk flexibility and mobility is significantly lower in the morning than later in the day, increasing the number and severity of back strains at this time. A few minutes of stretching can warm up cold stiff muscles and tendons and help you avoid an injury. All professional athletes know this-"industrial athletes" should too!

Lifting & Carrying
There's
a Wrong Way ...



and
a Right Way!



Make the RIGHT Choice

Genesis^{solar} construction

Newsletter Date
November 21, 2011

Take these actions to remain safe on the road:

If you can arrange your work schedule, try to leave on Tuesday and return either on Saturday or Monday when traffic is lighter and safer.

- Give yourself plenty of time.
- Get enough rest and don't try to drive when you would normally be asleep.
- Swap driving duties with a companion
- To remain alert, stop every 2 hours or 100 miles.
- Don't depend on caffeine or "energy drinks" to take the place of sleep. When they wear off, you will fall asleep.
- Understand that traffic will be heavy and don't let your frustrations tempt you to take chances.
- Check for weather conditions along your route and leave earlier if necessary.
- Wear your seat belt!!! Seat belts are proven to save lives and prevent injuries.
- Make sure children are secured in an approved child safety seat.
- Children over 4 years of age are taken out of child seats too soon; their bodies are too small for seat belts to work effectively. Be sure any child under 4'9" in height is secured in a booster seat.
- Don't give into the temptation to speed. It won't get you there that much faster and it can lead to a ticket or worse, a collision.
- Use your cruise control to prevent speeding.
- Understand that driving is a complex task and it takes all your concentration.
- Eat light to prevent drowsiness.
- If you need to make a phone call, pull off the road and keep your call short.
- Don't answer your cell phone while driving. Let your cell phone take a message and pull off the road to answer your calls.
- Don't text and drive!!! Taking your eyes off the road for just a second or two can have tragic consequences.
- Don't consume alcohol!! Buzzed driving is the same as drunk driving.

Weekly Newsletter

Thanksgiving Holiday Safety

Thanksgiving is one of the most beloved US holidays and with good reason. Although it was traditionally a harvest festival, it has devolved into a celebration to give thanks and show gratitude to God for the presence of family and friends as well as the blessings received that year.

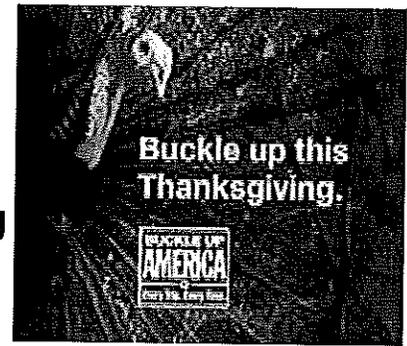
Naturally, special occasions like Thanksgiving call for a lot of parties which means food and drinks in abundance. And while the holiday is joyous, it can also be a perfect time for more accidents to occur, especially because of alcoholic beverages and fire-related accidents.

Alcohol intoxication is always a problem in festivities where friends and family gather. Often, people fail to realize that they had one drink too many so by the time the party is over, they're too drunk to drive. Some people unfortunately, insist on driving drunk so if you care about your friends and family, here's something you should remember: Never let a loved one drive drunk even though they seem sober enough.

Always make sure you have a designated driver during occasions such as thanksgiving. This way, you can ensure someone will keep a clear head when it's time to go home and your guests will be able to go home safely. If intake of alcoholic beverages is unavoidable, even for the designated driver, make sure you keep a number of a car company so you can call them in case a guest needs to go home.

DUI accidents are prevalent during the holidays, so in order to avoid injury or death on an occasion where people should be rejoicing instead of mourning, if you can't keep your guests sober, just make sure they're safe from drinking and driving by keeping a designated driver or a cab on standby.

Aside from alcohol-related incidents, fire accidents are frightfully common during Thanksgiving. The State Farm reported that more cooking fires occur on Thanksgiving than any other day in the Calendar. In fact, in the last five years more than 160 damage claims related to Thanksgiving cooking accidents have been reported. According to the National Fire Protection Association 57 civilian injuries per 1,000 reported home fires happened during thanksgiving.



Make the RIGHT Choice

Complacency

My dictionary defines complacency this way, "self-satisfaction accompanied by unawareness of actual danger or deficiencies".

I am not sure of the statistics, however, there is no doubt in my mind that numerous accidents have occurred due to allowing ourselves to become complacent in our everyday activity. (On and off the job)

I have often said that working safely is not easy, nor is it automatic. We have to work at it with the highest degree of awareness.

If we just stop for a moments and think we all can come up with instances that we did become complacent. It happens to us because we perform many functions on an almost continuous basis. Many of our jobs are repetitive in nature, and the more we repeat what we are doing, the better the chance that we are becoming complacent without even realizing it. Therein lies the potential danger, the danger of complacency.

We must remember, that life is what happens, when we are making other plans. We become complacent about our personal safety by repeated exposure to situations without consequence.

We take shortcuts and with the absence of consequents, cause us to become more lax about our personal safety, in other words we are becoming complacent.

Personal safety is not like a light switch that you can turn on or off. The personal safety switch must continuously be in the on position.

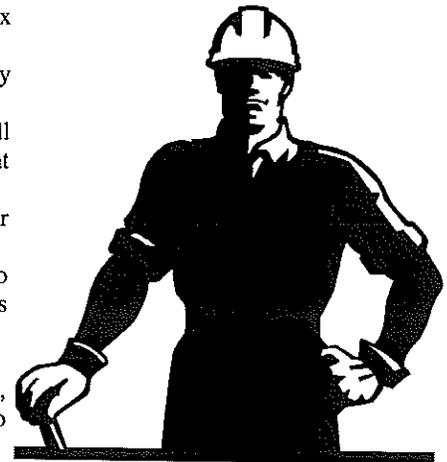
Just because we feel safe, does not mean we are safe. On the contrary, "feeling safe all the time", could be the biggest threat to our well being, because we are drifting into that complacent mode.

One key to avoid the complacency trap is to form "safety habits". Habits that you do over and over until they override your former unsafe behaviour and become automated.

Habits such as, wearing gloves, glasses, proper foot wear, safety harness on and ready to tie off, face shield when grinding, removing tripping hazards, attending safety meetings and paying attention, using seat belts, tying off a ladder etc etc.

Is it not better to form these types of automatic habits, and let them become the norm?

There is an old saying that familiarity breeds contempt. To paraphrase, I would say that, familiarity breeds complacency. Lets work in a manner that we ensure we do not fall into the complacency trap.



Make the RIGHT Choice

III. Complacency

World events have forever changed the way we live and act in our daily lives. Many of the things we took for granted have been inexorably modified, and we are forced to adapt our once-comfortable routines to accommodate the changes. Travelers notice an increased presence of security personnel in airports, train stations, parking lots, and other public venues. Our streets are patrolled more often and by greater numbers of police and security personnel. There is an increase in neighborhood watch groups, and our lives are suddenly less private.

We are on edge and very concerned. We worry at every turn that some evil might lurk in a hidden corner where we least expect it. We plan our activities with greater detail and vary our daily regimen a bit to be a little less predictable. We want to be prepared. But who is the enemy? Whom should we watch out for? There are many fanatical factions in the world that could justifiably be labeled an enemy. However, of all the multifaceted dangers that do present themselves, complacency may well be our biggest adversary.

Complacency is a self-satisfied state of mind oblivious to any danger present. We regularly experience complacency in our personal lives and at our jobs. The key is being cognizant of its existence and the measures we can take to offset any negative consequences. The places we feel the most familiar with can be the most perilous because the menace is not so obvious to us. When we feel confident the environment is stable, we often forget things are subject to change and become precarious in an instant. We must learn to react and to with our surroundings to ensure we are alert to the possibilities of catastrophe.

Complacency is an attitude that determines how we respond to given situations. How many times have we heard the statement, "We have always done it that way." Of course, it must be right if it has stood the test of time and repetitiveness. Not necessarily true! The very fact it is repeated often can draw us into the complacency trap--we learn to expect proven results until one day, the outcome changes for the worse.

Complacency is a known problem and must be clearly recognized as a causal factor in accidents. There is no cure for complacency, but we must be ever diligent in our prevention efforts. J.C. Ryle so aptly wrote, "Do not suppose that it needs some great scarlet sin to bring you to the pit of destruction. You have only to sit still and do nothing, and you will find yourself there at last."

John McAuley

INCIDENT REPORT

DATE: 11-11-2011

FILE NO: 001

TYPE OF INCIDENT: DIRT BIKES ON PROPERTY

LOCATION: GUARD GATE TIMES: 1205

AT ABOUT 1205 THREE DIRT BIKES CAME OFF PROPERTY AT NORTH SIDE OF GUARD GATE. THEY WENT DOWN THE DIRT ROAD GOING EAST & THEN WENT OUT INTO THE DESERT. DID NOT SEE WHERE THEY CAME FROM. I CALLED THOMAS B. DARDEN, & NOTIFIED HIM OF THE INCIDENT. HE SAID HE WOULD TAKE CARE OF IT.

SUPERVISOR
Aly J. Pool

Aly J. Pool
REPORTING OFFICER

REVIEWED BY

cc: GUARDSMARK SECURITY

INCIDENT: REPORT

DATE: 11-13-11

FILE NO: 003

=====

TYPE OF INCIDENT: Trespassing

LOCATION: Genesis Solar / Blythe TIMES: 8:55am

=====

3 - motorcycles headed west across
construction site. No signs or fences
to let people know that area is closed
and a construction site.

Stuart Carl
REPORTING OFFICER

REVIEWED BY

cc: _____

INCIDENT REPORT

DATE: 11-14-11

FILE NO: 002

TYPE OF INCIDENT: DIRTY TRUCK ON FLAT BED DENY ENTRY

LOCATION: GATE

TIMES: 1100

SUKUT TRUCK CA LIC # 8N14820 TR # CA 9080

MARCO FROM SANTA ANA BROUGHT IN A SUKUT TRUCK
ON A FLAT BED. THE TRUCK WAS PICK-UP AT THEIR
YARD. LOT OF MUD UNDER REITH OR MUD FLAPS
& UNDER CARRAGE. DID NOT LET THEM BRING TRUCK
ON SITE. PARKED OUT SIDE OF GATE & TOLD THEM
THEY WOULD HAVE TO CLEAN BE FOR THEY COULD
BEING ON PROPERTY. KEY LEFT AT GARDEN SHACK
& LET EVERY ONE KNOW. DENY ACCESS UNTIL
TRUCK IS CLEANED.

Poch

Alex Poch
REPORTING OFFICER

REVIEWED BY

cc: SUPERVISOR GARDENMARK SECURITY

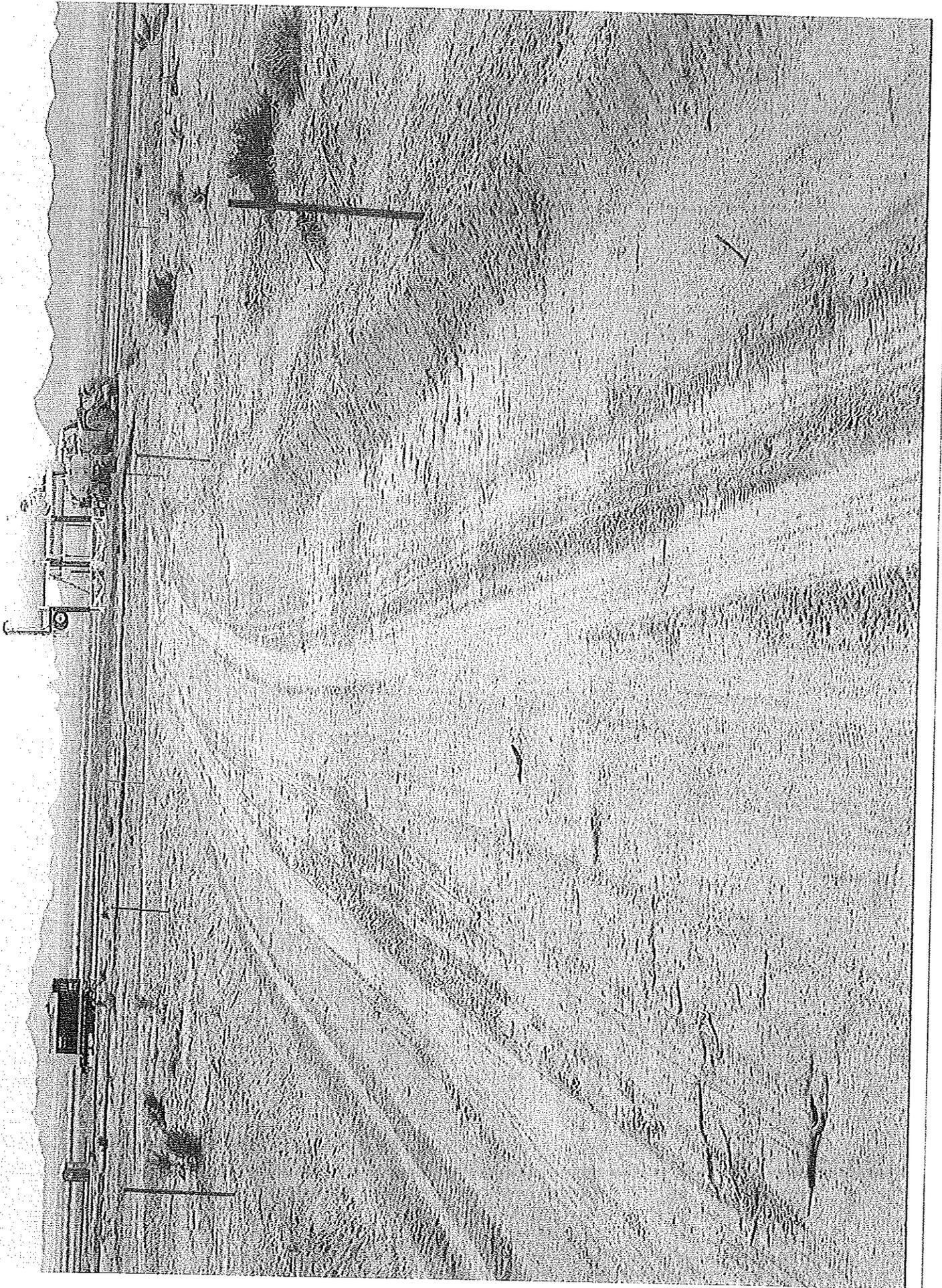
Genesis Solar Energy Project Monitoring & Equipment Operations Protocol

To promote better communications, work flow, and safer operations within the cut/fill earthwork operations the following recommendations and best practices will be implemented at the project site with all phases in place and working by close of business November 18th, 2011.

- 1.) The average cycle time for a one mile haul is approximately five minutes. This currently allows approximately four minutes for viewing of the cut area for artifacts. To maximize the review period time window, equipment will alternate the cut slot each cycle up to eight scraper widths, as wide as possible and practical, in order to maximize the time available to view the excavation. This will effectively double the allowable viewing time currently provided for the viewing of cut areas for artifacts and allow sufficient time for the monitoring to be completed without rushing or pressuring the monitor crews to move out of the cut slot prematurely for the next scraper pass. Utilizing a wider cut zone will also allow for the equipment to be spaced farther from the ground monitor crews, alleviating any concerns with having multiple activities in the work area at the same time involving ground crews and equipment crew. The material from the cut areas is placed in fill areas at a maximum of eight inch lifts. Placing fill in this manner allows for quick, full-viewing of the material and easy visual monitoring for artifacts.
- 2.) All mass grading equipment and grading contractor's ground personnel will be equipped with radios. The ground personnel will communicate to the equipment operators of any changes to the cut pattern and in addition to the monitors, communicate any areas that need to be avoided due to discovered artifacts. Additional Signage to supplement the current signage will be placed at all haul roads as required. "Yield", "Stop", and "Equipment Crossing" signs will be enhanced to ensure clear understanding of the traffic patterns.
- 3.) An "All Visitors Must Report to the Site Office" sign will be placed in the Common Area at the road that leads to the mass grading area. All visitors will be required to review the job-site specific **Job Hazard Analysis** for the day and in most instances will be escorted into the work area. In the event that grading contractor supervisors are in the work area and not in the office, contact names and phone numbers will be available for easily contacting one of the supervisors. The intent is to keep any unnecessary equipment and persons from the work area.
- 4.) A mobile radar speed sign will be installed on the haul road between the cut and the fill, with placement priority after the fill area. Equipment would be empty at this location, with the tendency to have speeds near the site limit of 25 mph. The sign will be moved as the haul roads are relocated.
- 5.) A secondary road will be installed outside of the mass grading area for visitors and monitors. The road will be marked with lathe and ribbon as the attached photo indicates. This road will allow access to the outside of the mass grading area for the day. Vehicles will be required to park outside of the mass grading area in order to not interfere with the grading operation as it moves. The only vehicles allowed inside the mass grading area will be the grading contractor's employees, Genesis Solar Energy's Contract Lead, Testing & Inspection firms, and monitors. Monitor vehicles will be limited, and allowed in the work area only if the mass grading area covers a widespread area and it would not be practical to limit access. Visitors may be allowed into the area with an escort.

- 6.) The practice of detailed Job Hazard Analysis and morning meetings will continue with emphasis on daily plans, area of work, communications, traffic patterns, any changes from the previous day, and review of personal protective equipment, with participation from all persons involved in the operation.
- 7.) All ground personnel are provided flags and or other highly visible signaling means. All monitors should maintain and keep at hand these flags to stop work, redirect work, or identify areas that are to be avoided or excluded from the work as required. Equipment and Ground Monitors will maintain a spacing of 30' minimum. Ground traffic will always be given the right of way.
- 8.) On days of high winds, in order to mitigate fugitive dust emissions, one or a combination of the following will be implemented:
 - Limit the amount of equipment working
 - Minimize the grading area
 - Lower speeds

When high winds limit visibility and working conditions are deemed unsafe, work will be shut down completely until working conditions are deemed safe again.





FOREMAN WEEKLY SAFETY AUDIT

**Completed form should be turned in to the Site Safety Coordinator Weekly.

COMPANY/CRAFT: Sublet - Mass Grading/Grading DATE/TIME: 11-3-11 9:45 a.m.
 LOCATION/WORK ACTIVITY: Block 3 Fill Area SF1 FOREMAN/INSPECTOR SIGN: Jeremiah Westrum

PRE-TASK ACTIVITIES		Y	N	N/A
1	Potential hazards identified to completing Tailboard	✓		
2	Tailboard in work area	✓		
3	All workers reviewed Tailboard	✓		
4	All containers labeled w/o regard to size or use time			NO
5	Excavation Inspection completed	✓		
6	Any permits required to complete activity?			✓
6a	Have they been obtained?			✓
7	Lockout/tagout required			✓
8	Drinking water, disposable cups & trash receptacle	✓		
9	Sanitary facility (s)	✓		

CLOTHING/PPE		Y	N	N/A
10	Shirt with 4" over the shoulder sleeve	✓		
11	PPE Inspected prior to use (including electrical insulating)	✓		
12	Appropriate eye protection	✓		
13	Head protection (Min. Hard hat w/co./employee ID)	✓		
14	Appropriate gloves worn	✓		
15	Leather work boots or other appropriate footwear	✓		
16	Hearing protection			NO
17	Safety vests worn	✓		
18	Respirator needed? - <u>not mandatory</u>			NO

ALL PROTECTION		Y	N	N/A
19	Fall Protection equipment inspected prior to use			
20	100% Personal Fall Protection worn when above 6'			
21	Personal Fall Protection fully donned and snug			
22	Lanyards attached to harness properly and anchored to limit free fall			
23	Tools/equipment secured from falling			
24	Personnel not working below others w/o protection			
25	Floor/wall openings covered or protected			
26	Tower ladder hatches closed			
27	Ladders inspected prior to use			
28	Ladders secured before and while in use			
29	Stepladder spreaders locked while in use			
30	Extension ladders extend 3' (4 rungs) above landing			
31	Tie-off point available/accessible from top of ladder			
32	Ladsafe/self-retracting lifeline on ladders over 24'			
33	Stairs with 4 or more risers have handrail			
34	Stairs or ladders used when access point is more than 19"			

EQUIPMENT (LIST)		Y	N	N/A
35	CREW TRUCK			
	-INSPECTED			
36	Seat belt/Seat Harness worn	✓		
37	Back-up alarm audible around surrounding noise			NO
37a	Vehicle back-up alarm			NO
37b	Equipment			

CRANE(S) (LIST)		Y	N	N/A
38	- INSPECTED			
	-INSPECTED			
	-INSPECTED			
39	Swing radius barricaded			
40	Crane & load maintaining required electrical clearance			
41	Tag lines used			
42	Back-up alarm audible above surrounding noise level			

FIRE PROTECTION		Y	N	N/A
43	Hot work/fire watch			
44	Suitable fire extinguisher			
45	Flammable/combustible liquids stored out of work area			
46	Only metal safety cans w/spout (no plastic containers)			
47	Equip. containing flammables protected from sparks, etc.			
48	Equip. containing flammables protected from elec. circuit			
49	Equip. containing flammables stored properly			
50	Compressed gas cylinders upright in rack or cart			
51	Compressed gas cylinders protected from sparks, etc.			
52	Compressed gas cylinders protected from elec. circuit			
53	Anti-flash back valves on oxygen/acetylene lines			
54	Friction lighters available and used to light torches			
55	Whip & cable free of repair 10' from electrode holder			
56	Unattended electrodes removed from holder			
57	Welding machines/generator frames grounded			

RIGGING, HAND AND POWER TOOLS		Y	N	N/A
58	Rigging inspected before use			
59	Proper rigging practices being followed			
60	All hand and electric tools inspected prior to use			
61	All elec. tools 3-prong (grounded) or double insulated			
62	All electric cords inspected prior to use			
63	Electric cords rated for "Hard or Extra-Hard" use			
64	Personnel protected from shock by a GFCI at the source			
65	GFCI tested prior to use			
66	Air comp./lines have unrestricted airflow check valve			
67	Air tools secured to hose or whip by positive means			
68	Air hoses secured by positive means (pins)			
69	Air pressure reduced below 30psi when used for cleaning			
70	Proper cable/wire stripping tool used-knife not permitted			

HOUSEKEEPING		Y	N	N/A
71	Clean	✓		
72	Orderly	✓		
73	All items secured	✓		
74	Cigarettes butts disposed of-not thrown on ground	✓		
75	Drip pans/secondary containment as needed	✓		
76	Absorbent Pads	✓		

MISCELLANEOUS		Y	N	N/A
77	Appropriate/req. signs, signals, barricades, & lights	✓		
78	Other: <u>Road Closing Signage/Speeds</u>	✓		

COMMENTS:



FOREMAN WEEKLY SAFETY AUDIT

***Completed form should be turned in to the Site Safety Coordinator Weekly.*

COMPANY/CRAFT: MCI

DATE/TIME: 11/9/11

LOCATION/WORK ACTIVITY: ASSEMBLY BUILDING

FOREMAN/INSPECTOR SIGN: [Signature]

PRE-TASK ACTIVITIES Y N N/A

1	Potential hazards identified to completing Tailboard	X		
2	Tailboard in work area	X		
3	All workers reviewed Tailboard	X		
4	All containers labeled w/o regard to size or use time	X		X
5	Excavation Inspection completed			X
6	Any permits required to complete activity?			X
6a	Have they been obtained?			X
7	Lockout/tagout required			X
8	Drinking water, disposable cups & trash receptacle	X		
9	Sanitary facility (s)	X		

CLOTHING/PPE Y N N/A

10	Shirt with 4" over the shoulder sleeve	X		
11	PPE inspected prior to use (including electrical insulating)	X		
12	Appropriate eye protection	X		
13	Head protection (Min. Hard hat w/co./employee ID)	X		
14	Appropriate gloves worn	X		
15	Leather work boots or other appropriate footwear	X		
16	Hearing protection			X
17	Safety vests worn	X		
18	Respirator needed?		X	

ALL PROTECTION Y N N/A

19	Fall Protection equipment inspected prior to use	X		
20	100% Personal Fall Protection worn when above 6'	X		
21	Personal Fall Protection fully donned and snug	X		
22	Lanyards attached to harness properly and anchored to limit free fall	X		
23	Tools/equipment secured from falling	X		
24	Personnel not working below others w/o protection	X		
25	Floor/wall openings covered or protected			X
26	Tower ladder hatches closed			X
27	Ladders inspected prior to use			X
28	Ladders secured before and while in use			X
29	Stepladder spreaders locked while in use			X
30	Extension ladders extend 3' (4 rungs) above landing			X
31	Tie-off point available/accessible from top of ladder			X
32	Ladsafe/self-retracting lifeline on ladders over 24'	X		
33	Stairs with 4 or more risers have handrail			X
34	Stairs or ladders used when access point is more than 19"			X

EQUIPMENT (LIST) Y N N/A

35	CREW TRUCK	-INSPECTED		X
		-INSPECTED		X
		-INSPECTED		X
		-INSPECTED		X
36	Seat belt/Seat Harness worn	X		
37	Back-up alarm audible around surrounding noise	X		
37a	Vehicle back-up alarm			X
37b	Equipment	X		

CRANE(S) (LIST) Y N N/A

38		- INSPECTED		X
		-INSPECTED		X
		-INSPECTED		X
39	Swing radius barricaded			X
40	Crane & load maintaining required electrical clearance			X
41	Tag lines used			X
42	Back-up alarm audible above surrounding noise level			X

FIRE PROTECTION Y N N/A

43	Hot work/fire watch			X
44	Suitable fire extinguisher			X
45	Flammable/combustible liquids stored out of work area			X
46	Only metal safety cans w/spout (no plastic containers)			X
47	Equip. containing flammables protected from sparks, etc.			X
48	Equip. containing flammables protected from elec. circuit			X
49	Equip. containing flammables stored properly			X
50	Compressed gas cylinders upright in rack or cart			X
51	Compressed gas cylinders protected from sparks, etc.			X
52	Compressed gas cylinders protected from elec. circuit			X
53	Anti-flash back valves on oxygen/acetylene lines			X
54	Friction lighters available and used to light torches			X
55	Whip & cable free of repair 10' from electrode holder			X
56	Unattended electrodes removed from holder			X
57	Welding machines/generator frames grounded			X

RIGGING, HAND AND POWER TOOLS Y N N/A

58	Rigging inspected before use			X
59	Proper rigging practices being followed			X
60	All hand and electric tools inspected prior to use	X		X
61	All elec. tools 3-prong (grounded) or double insulated			X
62	All electric cords inspected prior to use			X
63	Electric cords rated for "Hard or Extra-Hard" use			X
64	Personnel protected from shock by a GFCI at the source			X
65	GFCI tested prior to use			X
66	Air comp./lines have unrestricted airflow check valve			X
67	Air tools secured to hose or whip by positive means			X
68	Air hoses secured by positive means (pins)			X
69	Air pressure reduced below 30psi when used for cleaning			X
70	Proper cable/wire stripping tool used-knife not permitted			X

HOUSEKEEPING Y N N/A

71	Clean	X		
72	Orderly	X		
73	All items secured	X		
74	Cigarettes butts disposed of-not thrown on ground	X		
75	Drip pans/secondary containment as needed	X		
76	Absorbent Pads			X

MISCELLANEOUS Y N N/A

77	Appropriate/req. signs, signals, barricades, & lights	X		
78	Other:			

COMMENTS: EMPLOYEE'S Installing Lower Hoists, ALL BARRICADES MOVED AS WORKER MOVED. ALL PROPER PPE ON & 100% TIE OFF.

11184731

Contract Number:	P002
Contract Description:	Assembly
Report Date:	11/4/11

Work Condition:	OH WORK
Site Condition:	
Weather:	Windy, 70°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MLI

- TALKED TO MLI ABOUT THE POSSIBILITY OF WINDS INCREASING & PERFORMING OH WORK.
- MLI STATED THEY WOULD SHUT DOWN IF WINDS PICKED UP & BECAME UNSAFE
- SPOKE TO MLI ABOUT HAVING SITE CLEAN BEFORE WEEKEND
- HIGH WINDS SHOT DOWN ROOFING ACTIVITIES FOR WEEKEND

Meeting or Discussion:

List of Participants: KEITH & MARK

- * SPOKE TO KEITH ABOUT EMBED ISSUE
- STILL WAITING TO HEAR BACK ON RFI ON TOLRANCE
- * SPOKE TO KEITH ABOUT ELECTRICAL STUBOUT NEXT TO BOLLARD
- STUBOUT WAS EXCESS & CAP B/C IS CUT OUT & WILL BE FIXED
- * PREFAB HAS RUN OUT OF SCREWS
- CAN GET NEW ONES BUT THEY WON'T BE PAINTED.

Production Notes: (list CM observed production for the day)

- MLI BUILT UP FORMS ON SHORT PIT WALLS
- SET EMBEDS AS WELL
- PLAN TO POUR NEXT TUES.
- REBAR SET ON WEST & SOUTH SIDE
- ROOF APPROX 75% DONE
- OH DOOR INSTALL IS COMPLETE

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	K066
Contract Description:	Assem. Bldg
Report Date:	11-3-11

Work Condition:	OH work
Site Condition:	Clean
Weather:	83°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI. Discussed with Mark & Keith about:

- OH work
- 100% Tie off
- Proper PPE - Gloves, Hard hats, Vests, Glasses
- JHA - TALKED ABOUT CRANE PARACHUTES = 7' RED TARE
- PROPER TOOLS FOR THE JOBS
- EQUIPMENT WALK AROUND'S - ENSURE EQUIPMENT IS IN PROPER RUNNING CONDITION
- MCI WILL HAVE A NEW SAFETY REP ONSITE
- NEXT WEEK & MCI WILL MEET WITH GARY BEFORE SAFETY REP LEAVES ~~AT CURRENT~~

Meeting or Discussion:

List of Participants:

- KEITH
- DISCUSSED UPCOMING SCHEDULES & INSPECTIONS REQUIRED
- AK WAS REQUESTED TO BE ONSITE BUT NO TORQUE TESTING WAS DONE

Production Notes: (list CM observed production for the day)

- ABOUT 50% DONE w/ ROOF
- OH ROOF INSTALL CONTINUED
- STRIPPED & SET FORMS
- FINISHED APRON REBAR ON WEST & SOUTH SIDE

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	Kors
Contract Description:	Assm. Bldg
Report Date:	11/7/11

Work Condition:	OH work
Site Condition:	CLEAN, NEAT
Weather:	Cool 70°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- 2 Employee's - speeding on paved road on 11/4/11
- Employee's cannot drive onsite for remainder of 5013.
- MCI now has a site sign in sheet for visitors
- all visitors must sign in ^{out} at job trailer to review JHA
- Spoke to mci about safety requirements
- PPE - gloves, hat, glasses, vests → to be worn at all times

Meeting or Discussion:

List of Participants: Keith & Mark & Ware - MCI

- Spoke about upcoming schedule & Dry In DATE Nov 9TH
- MCI & Genesis TO Review ADA Requirements for main Doors
- MCI to give Genesis timely notice on remaining steel Inspections
- MCI has 6000 extra screws onsite to finish roof
- Should be enough to finish

Production Notes: (list CM observed production for the day)

- ROOF PANELS ARE INSTALLED
- STEEL NEED TO INSERT ALL SCREWS
- PLAN TO POUR NORTH PIT & SHORT WALLS TOMORROW @ 6:00 AM
- PLAN TO POUR SOUTH PIT & SHORT WALLS ~~TOMORROW~~ THURSDAY
- DISCUSSED THIS IS PAST NOV. 9TH DAY IN DATE
- MAIN ROOF INSTALL BEGINS TOMORROW
- ELECTRICAL ROUGH IN CONTINUES

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	K016
Contract Description:	Assem. Bldg
Report Date:	11-8-11

Work Condition:	OH WORK
Site Condition:	CLEAN, DRY
Weather:	WARM 75°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- * TALKED WITH KEITH & MARK ABOUT SAFETY CONCERNS FOR THE DAY:
 - SITE SPEED LIMIT - 25 mph or less when dust is evident
- * COMMUNICATION BETWEEN SUBS SEEMS TO BE GOING WELL.
- * ALL EMPLOYEES OBSERVED WERE IN PROPER PPE - GLOVES, HARD HATS, glasses, vests, pants, 4" sleeves
- * ~~WAS~~ NOT PRESENTED WITH ASHA ONCE ONSITE
- * ALL EMPLOYEES ON ROOF TIED OFF
- * ALL MCI EMPLOYEES OFF FRIDAY - VETERANS
- * GARY HAS NOT BEEN IN CONTACT WITH NEW SAFETY REP

Meeting or Discussion:

List of Participants: KEITH, MARK, WATE - MCI
 SHAWN - PSI

- * TALKED TO SHAWN/MARK ABOUT POUR - SLUMP & AIR WITHIN SPEC
- * ~~WATER~~ ~~TEST~~
- * NEXT POUR WILL BE THURSDAY

Production Notes: (list CM observed production for the day)

- POURED SOUTH LOW PIT WALLS - ~~2~~ TRUCK, POURED ADDITIONAL BOLLARDS
- FINISHING SCREWS ON ROOF
- SASCO - ELECTRICAL ROUGH IN



FOREMAN WEEKLY SAFETY AUDIT

**Completed form should be turned in to the Site Safety Coordinator Weekly.

COMPANY/CRAFT: *1008 - Site Preparation - Subcontract* DATE/TIME: *11/10/11 1:45 p.m.*
 LOCATION/WORK ACTIVITY: *channel A cut* FOREMAN/INSPECTOR SIGN: *[Signature]*

PRE-TASK ACTIVITIES				
	Y	N	N/A	
1	Potential hazards identified to completing Tailboard	✓		
2	Tailboard in work area <i>-No with Foreman</i>		✓	
3	All workers reviewed Tailboard	✓		
4	All containers labeled w/o regard to size or use time			✓
5	Excavation Inspection completed	✓		
6	Any permits required to complete activity?		✓	
6a	Have they been obtained?			✓
7	Lockout/tagout required		✓	
8	Drinking water, disposable cups & trash receptacle			✓
9	Sanitary facility (s)	✓		

CLOTHING/PPE				
	Y	N	N/A	
10	Shirt with 4" over the shoulder sleeve	✓		
11	PPE Inspected prior to use (including electrical insulating)			✓
12	Appropriate eye protection	✓		
13	Head protection (Min. Hard hat w/co./employee ID)	✓		
14	Appropriate gloves worn	✓		
15	Leather work boots or other appropriate footwear	✓		
16	Hearing protection	✓		
17	Safety vests worn	✓		
18	Respirator needed?	✓		

ALL PROTECTION				
	Y	N	N/A	
19	Fall Protection equipment inspected prior to use			
20	100% Personal Fall Protection worn when above 6'			
21	Personal Fall Protection fully donned and snug			
22	Lanyards attached to harness properly and anchored to limit free fall			
23	Tools/equipment secured from falling			
24	Personnel not working below others w/o protection			
25	Floor/wall openings covered or protected			
26	Tower ladder hatches closed			
27	Ladders inspected prior to use			
28	Ladders secured before and while in use			
29	Stepladder spreaders locked while in use			
30	Extension ladders extend 3' (4 rungs) above landing			
31	Tie-off point available/accessible from top of ladder			
32	Ladsafe/self-retracting lifeline on ladders over 24'			
33	Stairs with 4 or more risers have handrail			
34	Stairs or ladders used when access point is more than 19"			

EQUIPMENT (LIST)				
	Y	N	N/A	
35	CREW TRUCK <i>Scrapers</i>	-INSPECTED	✓	
	<i>Water Trucks</i>	-INSPECTED	✓	
	<i>Tractor & D.3h</i>	-INSPECTED	✓	
	<i>(Equipment walkarounds in place)</i>	INSPECTED		
36	Seat belt/Seat Harness worn	✓		
37	Back-up alarm audible around surrounding noise			✓
37a	Vehicle back-up alarm			✓
37b	Equipment			✓

CRANE(S) (LIST)				
	Y	N	N/A	
38				- INSPECTED
				-INSPECTED
				-INSPECTED
39	Swing radius barricaded			
40	Crane & load maintaining required electrical clearance			
41	Tag lines used			
42	Back-up alarm audible above surrounding noise level			

FIRE PROTECTION				
	Y	N	N/A	
43	Hot work/fire watch			
44	Suitable fire extinguisher			
45	Flammable/combustible liquids stored out of work area			
46	Only metal safety cans w/spout (no plastic containers)			
47	Equip. containing flammables protected from sparks, etc.			
48	Equip. containing flammables protected from elec. circuit			
49	Equip. containing flammables stored properly			
50	Compressed gas cylinders upright in rack or cart			
51	Compressed gas cylinders protected from sparks, etc.			
52	Compressed gas cylinders protected from elec. circuit			
53	Anti-flash back valves on oxygen/acetylene lines			
54	Friction lighters available and used to light torches			
55	Whip & cable free of repair 10' from electrode holder			
56	Unattended electrodes removed from holder			
57	Welding machines/generator frames grounded			

RIGGING, HAND AND POWER TOOLS				
	Y	N	N/A	
58	Rigging inspected before use			
59	Proper rigging practices being followed			
60	All hand and electric tools inspected prior to use			
61	All elec. tools 3-prong (grounded) or double insulated			
62	All electric cords inspected prior to use			
63	Electric cords rated for "Hard or Extra-Hard" use			
64	Personnel protected from shock by a GFCI at the source			
65	GFCI tested prior to use			
66	Air comp./lines have unrestricted airflow check valve			
67	Air tools secured to hose or whip by positive means			
68	Air hoses secured by positive means (pins)			
69	Air pressure reduced below 30psi when used for cleaning			
70	Proper cable/wire stripping tool used-knife not permitted			

HOUSEKEEPING				
	Y	N	N/A	
71	Clean			
72	Orderly			
73	All items secured			
74	Cigarettes butts disposed of-not thrown on ground			
75	Drip pans/secondary containment as needed			
76	Absorbent Pads	✓		

MISCELLANEOUS				
	Y	N	N/A	
77	Appropriate/req. signs, signals, barricades, & lights	✓		
78	Other:			✓

COMMENTS: *Final road signage in place, dust was low. JHA was with Foreman. An "All visitors must report to office" sign will be coming and a plan implemented for this.*



FOREMAN WEEKLY SAFETY AUDIT

**Completed form should be turned in to the Site Safety Coordinator Weekly.

COMPANY/CRAFT: *MCI* DATE/TIME: *11/10/11*

LOCATION/WORK ACTIVITY: *Assem Building* FOREMAN/INSPECTOR SIGN: *[Signature]*

PRE-TASK ACTIVITIES				
	Y	N	N/A	
1	Potential hazards identified to completing Tailboard	X		
2	Tailboard in work area	X		
3	All workers reviewed Tailboard	X		
4	All containers labeled w/o regard to size or use time			X
5	Excavation Inspection completed			X
6	Any permits required to complete activity?			X
6a	Have they been obtained?			X
7	Lockout/tagout required			X
8	Drinking water, disposable cups & trash receptacle	X		
9	Sanitary facility (s)	X		
CLOTHING/PPE				
	Y	N	N/A	
10	Shirt with 4" over the shoulder sleeve	X		
11	PPE inspected prior to use (including electrical insulating)	X		
12	Appropriate eye protection	X		
13	Head protection (Min. Hard hat w/co./employee ID)	X		
14	Appropriate gloves worn	X		
15	Leather work boots or other appropriate footwear	X		
16	Hearing protection	X		
17	Safety vests worn	X		
18	Respirator needed?			X
ALL PROTECTION				
	Y	N	N/A	
19	Fall Protection equipment inspected prior to use	X		
20	100% Personal Fall Protection worn when above 6'	X		
21	Personal Fall Protection fully donned and snug	X		
22	Lanyards attached to harness properly and anchored to limit free fall	X		
23	Tools/equipment secured from falling	X		
24	Personnel not working below others w/o protection	X		
25	Floor/wall openings covered or protected			X
26	Tower ladder hatches closed			X
27	Ladders inspected prior to use			X
28	Ladders secured before and while in use			X
29	Stepladder spreaders locked while in use			X
30	Extension ladders extend 3' (4 rungs) above landing			X
31	Tie-off point available/accessible from top of ladder			X
32	Ladsafe/self-retracting lifeline on ladders over 24'			X
33	Stairs with 4 or more risers have handrail			X
34	Stairs or ladders used when access point is more than 19"			X
EQUIPMENT (LIST)				
	Y	N	N/A	
35	CREW TRUCK			X
				X
				X
				X
				X
36	Seat belt/Seat Harness worn			X
37	Back-up alarm audible around surrounding noise			X
37a	Vehicle back-up alarm			X
37b	Equipment	X		

CRANE(S) (LIST)			
	Y	N	N/A
38			X
			X
			X
39	Swing radius barricaded		X
40	Crane & load maintaining required electrical clearance		X
41	Tag lines used		X
42	Back-up alarm audible above surrounding noise level		X
FIRE PROTECTION			
	Y	N	N/A
43	Hot work/fire watch		X
44	Suitable fire extinguisher	X	
45	Flammable/combustible liquids stored out of work area	X	
46	Only metal safety cans w/spout (no plastic containers)	X	
47	Equip. containing flammables protected from sparks, etc.		X
48	Equip. containing flammables protected from elec. circuit		X
49	Equip. containing flammables stored properly		X
50	Compressed gas cylinders upright in rack or cart		X
51	Compressed gas cylinders protected from sparks, etc.		X
52	Compressed gas cylinders protected from elec. circuit		X
53	Anti-flash back valves on oxygen/acetylene lines		X
54	Friction lighters available and used to light torches		X
55	Whip & cable free of repair 10' from electrode holder		X
56	Unattended electrodes removed from holder		X
57	Welding machines/generator frames grounded		X
RIGGING, HAND AND POWER TOOLS			
	Y	N	N/A
58	Rigging inspected before use		X
59	Proper rigging practices being followed		X
60	All hand and electric tools inspected prior to use	X	
61	All elec. tools 3-prong (grounded) or double insulated	X	
62	All electric cords inspected prior to use	X	
63	Electric cords rated for "Hard or Extra-Hard" use		X
64	Personnel protected from shock by a GFCI at the source	X	
65	GFCI tested prior to use		X
66	Air comp./lines have unrestricted airflow check valve		X
67	Air tools secured to hose or whip by positive means		X
68	Air hoses secured by positive means (pins)		X
69	Air pressure reduced below 30psi when used for cleaning		X
70	Proper cable/wire stripping tool used-knife not permitted		X
HOUSEKEEPING			
	Y	N	N/A
71	Clean	X	
72	Orderly	X	
73	All items secured	X	
74	Cigarettes butts disposed of-not thrown on ground	X	
75	Drip pans/secondary containment as needed	X	
76	Absorbent Pads		X
MISCELLANEOUS			
	Y	N	N/A
77	Appropriate/req. signs, signals, barricades, & lights	X	
78	Other:		

COMMENTS:

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	4016
Contract Description:	Assm. Bldg
Report Date:	11-9-11

Work Condition:	OH WORK
Site Condition:	CLEAN, NEAT
Weather:	

Safety: (list any observations which pertain to safety)
 List Contractor or Subcontractor:

- SPOKE TO ~~KEITH~~ KEITH ABOUT COMMUNICATION B/T SUB CONTRACTOR'S
- ALL COMMUNICATING WELL, AND KNOW OF HAZARDS OF OH WORK

Meeting or Discussion:
 List of Participants: WEEKLY: BOB, NATE, KENOML, ARON

- DISCUSSED OUTSTANDING COST ISSUES:
 - PRINT ~ JUST OH DOORS
 - MAIN DOOR'S & COVERS ~ END COST
- NEED CONFIRMATION ON RANGE APPROX COST
- ~~NEED~~ NEED RECOVERY DATE
- DEN - 004
 - ARON CHANGES
 - SMALLER W/ 10' ^{LENGTH} - WIDTH OF OH DOORS
 - TEAR OUT REBAR IN PLACE, HULL OFF EXC

Production Notes: (list CM observed production for the day)

- PREPARED PIT WALLS FOR POOR
- FINISH WORK ON BUILDING
- TILING, SCREWS, CANOPIES TRIM

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	K014
Contract Description:	Assm Bldg
Report Date:	11-10-11

Work Condition:	OH Work
Site Condition:	CLEAN, IDEAL
Weather:	Cool, 85 to 80°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- MET WITH MCI IN MORNING
 - REVIEWED SITE ACCESS POLICY WITH G JOSE
 - REVIEW SHA WITH G JOSE & SITE PPE REQUIREMENTS
 - ALL EMPLOYEE'S OBSERVED IN PROPER PPE
- MCI MAY REPLACE WORKFORCE WITH ~~TOO~~ CHANGES TO WORK

Meeting or Discussion:

List of Participants: KEITH, MARK, GIL - MCI, SHAWN - PSI

- SPOKE TO KEITH ABOUT UPCOMING SCHEDULE & DEMO
- ~~SPOKE TO SH~~ - ROOF TEAR OUT TO BEGIN NEXT WEEK
- FINISH REMAINING TORQUE INSPECTIONS NEXT WEEK
- PREFAB SHOULD BE DONE NEXT WEEK

Production Notes: (list CM observed production for the day)

- POOLED REMAINING PIT WALLS - NO ISSUES
- PREFAB BEGAN FINISHING SCREWS ON ROOF & TRIM AROUND CANOPIES & DOORS
- SASCO CONTINUING ELECTRICAL ROUGH IN

Genesis Solar LLC
Construction Management
Daily Observation and Reporting

Contract Number:	11016
Contract Description:	Assem. Building
Report Date:	11-14-11

Work Condition:	Off Work
Site Condition:	CLEAR, WINDY
Weather:	73°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- OBSERVED EMPLOYEE'S IN MANLIFT WORKING ON CANOPIES
- ALL EMPLOYEE'S WERE IN PROPER PPE
- ALL EMPLOYEE'S 100% TIED OFF
- WALKING SURFACES
 - EX. REBAR presents hazardous walking surfaces
 - MCI put down walkways to avoid walking on
- Presented with Good JHA from Keith

Meeting or Discussion:

List of Participants: Keith, Nate, Mark - MCI

- Discussed schedule for rework of slab - DCW-004
- MCI writing in management to give direction on how to proceed
- MCI to submit pricing proposal for rework
- MCI requested ME to be onsite tomorrow to witness/inspect torquing of crane beam bolts

Production Notes: (list CM observed production for the day)

- MCI stripped forms from last pour
- began patchwork on pit walls
- Prefab continued with trim around canopies
- * No work done on Aaron rebar
- Sasco continued to pull wire in

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	Lark
Contract Description:	Assm. Bldg
Report Date:	11-15-11

Work Condition:	OH WORK
Site Condition:	
Weather:	

Safety: (list any observations which pertain to safety)
 List Contractor or Subcontractor: MCI

- Observed Bolt torquing up on CRANE BEAMS
- ALL EMPLOYEES' BOOTS TIED OFF
- PROPER PPE - GLOVES, HARD HAT, VEST
- ~~SPACE TO~~
- WALKING SURFACES
- REBAR LAYING OUT - MCI HAS WALKWAYS BUT NOT ALL EMPLOYEES USE THEM
- TALKED ABOUT IN WEEKLY MEETING
- MCI TO ENSURE ALL EMPLOYEES USE WALKWAYS

Meeting or Discussion:
 List of Participants: KEITH & MARK, NATE & BOB

- Spoke to Bob about current schedule & BUILDING COMPLETION
- FILES MANAGEMENT - NATE POSSIBLY LEAVING & MARK
- Bob stated crane delivery not until 2:30 PM
- Proceed on 23rd → 8 wks → Nov. 18th

Production Notes: (list CM observed production for the day)

- MCI still not proceeding slowly
- Temp power generator install began - Finish Thurs
- Team work continues
- Bolt torque with (MC) PSI
- ~~PAUSE ON SITE~~

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	10128
Contract Description:	Assem. Bldg
Report Date:	11-16-11

Work Condition:	OH Work
Site Condition:	CLEAN, NEAT
Weather:	75° F

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- SAFETY VISIT FROM RV (Tom Turansky)
- ISSUES:
 - GARY NOTED HE HAS BROUGHT UP THE NEED FOR ANSI-WHIP PROTECTION
 - TAKE AIR COMPRESSOR OUT OF COMMISSION UNTIL ESTIMATED
 - Man lifts must be parked in down position
 - TRAILER STEPS MUST BE LEVEL WITH TRUCK
 - Ground all generators inside building

Meeting or Discussion:

* phone

List of Participants: Bob, NATE, Abe, Jim Broult, Aaron, Kendall, Rod

- HELD OUR WEEKLY MEETING
- MCI to submit installation Manual & Material Receiving plan for Kone Crane
- MCI'S 1-4 - CLOSED OUT
- NATE IS MOVING TO Awarren Project, Bob TO HANDLE closeout documents
- Generator onsite available for use
- Crane delivery date pushed back to Nov. 30TH

Production Notes: (list CM observed production for the day)

- Interior electrical work continues
- Bolt torque, leveling of beams.
- MCI continued with pre-purchase items
 - grant remaining vents
- MCI awaiting for management (MCI) to begin work on DCU-004

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	1014
Contract Description:	Asm. Bldg
Report Date:	10-11-11

Work Condition:	OK Work
Site Condition:	CLEAN, NEAT
Weather:	73°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: ST MCI

- Spoke to MCI (5090) ABOUT PV'S CONCERNS
- MCI began raising level of steps
- All generators inside building have ground
- Air hose whip protection in place

Meeting or Discussion:

List of Participants: ~~ST~~ ^{x-prime} NATE, John LeFave, Tim Brandt, Alec - MCI
 Anna, Leah, Brandon, Rodney H., Kendall, Paul - Genesis

- ~~HELD MEETING~~
- HELD MEETING TO DISCUSS DEN-4 & KONE
 - DEN-4
 - agreed at \$100,000 credit
 - includes MCI doing DEN-4 work & cleaning up excess rebar
 - KONE
 - delivery date Nov. 30TH, LD date - dec. 13TH
 - Joint Occupancy, Nov. 28TH

Production Notes: (list CM observed production for the day)

- Electrical wire pull FW continues
- Continued leveling / torquing bolts on crane beams
- No work on DEN-4 done
- Site cleanup & punchlist activities



FOREMAN WEEKLY SAFETY AUDIT

**Completed form should be turned in to the Site Safety Coordinator Weekly.

COMPANY/CRAFT: Sukut 1008 Site Preparation DATE/TIME: 11/19/2011
 LOCATION/WORK ACTIVITY: Block 8 SFI Fill Preparation FOREMAN/INSPECTOR SIGN: Jeremiah Westrum

PRE-TASK ACTIVITIES				
	Y	N	N/A	
1	Potential hazards identified to completing Tailboard	✓		
2	Tailboard in work area	✓		
3	All workers reviewed Tailboard	✓		
4	All containers labeled w/o regard to size or use time			✓
5	Excavation inspection completed	✓		
6	Any permits required to complete activity?		✓	
6a	Have they been obtained?			✓
7	Lockout/tagout required			✓
8	Drinking water, disposable cups & trash receptacle	✓		
9	Sanitary facility (s)	✓		

CLOTHING/PPE				
	Y	N	N/A	
10	Shirt with 4" over the shoulder sleeve	✓		
11	PPE inspected prior to use (including electrical insulating)	✓		
12	Appropriate eye protection	✓		
13	Head protection (Min. Hard hat w/co./employee ID)		✓	
14	Appropriate gloves worn - <u>Grading Only</u>			✓
15	Leather work boots or other appropriate footwear	✓		
16	Hearing protection	✓		
17	Safety vests worn	✓		
18	Respirator needed? - <u>Low dust</u>			✓

ALL PROTECTION				
	Y	N	N/A	
19	Fall Protection equipment inspected prior to use			
20	100% Personal Fall Protection worn when above 6'			
21	Personal Fall Protection fully donned and snug			
22	Lanyards attached to harness properly and anchored to limit free fall			
23	Tools/equipment secured from falling			
24	Personnel not working below others w/o protection			
25	Floor/wall openings covered or protected			
26	Tower ladder hatches closed			
27	Ladders inspected prior to use			
28	Ladders secured before and while in use			
29	Stepladder spreaders locked while in use			
30	Extension ladders extend 3' (4 rungs) above landing			
31	Tie-off point available/accessible from top of ladder			
32	Ladsafe/self-retracting lifeline on ladders over 24'			
33	Stairs with 4 or more risers have handrail			
34	Stairs or ladders used when access point is more than 19"			

EQUIPMENT (LIST)				
	Y	N	N/A	
35	CREW TRUCK <u>Dozer & Pick</u>	-INSPECTED		NO
	<u>Water Trucks</u>	-INSPECTED		NO
	<u>Pickups</u>	-INSPECTED		NO
	<u>D9 Dozer</u>	-INSPECTED		NO
36	Seat belt/Seat Harness worn	✓		
37	Back-up alarm audible around surrounding noise			NO
37a	Vehicle back-up alarm			NO
37b	Equipment			N/A

CRANE(S) (LIST)				
	Y	N	N/A	
38				- INSPECTED
				-INSPECTED
				-INSPECTED
39	Swing radius barricaded			
40	Crane & load maintaining required electrical clearance			
41	Tag lines used			
42	Back-up alarm audible above surrounding noise level			

FIRE PROTECTION				
	Y	N	N/A	
43	Hot work/fire watch			
44	Suitable fire extinguisher			
45	Flammable/combustible liquids stored out of work area			
46	Only metal safety cans w/spout (no plastic containers)			
47	Equip. containing flammables protected from sparks, etc.			
48	Equip. containing flammables protected from elec. circuit			
49	Equip. containing flammables stored properly			
50	Compressed gas cylinders upright in rack or cart			
51	Compressed gas cylinders protected from sparks, etc.			
52	Compressed gas cylinders protected from elec. circuit			
53	Anti-flash back valves on oxygen/acetylene lines			
54	Friction lighters available and used to light torches			
55	Whip & cable free of repair 10' from electrode holder			
56	Unattended electrodes removed from holder			
57	Welding machines/generator frames grounded			

RIGGING, HAND AND POWER TOOLS				
	Y	N	N/A	
58	Rigging inspected before use			
59	Proper rigging practices being followed			
60	All hand and electric tools inspected prior to use			
61	All elec. tools 3-prong (grounded) or double insulated			
62	All electric cords inspected prior to use			
63	Electric cords rated for "Hard or Extra-Hard" use			
64	Personnel protected from shock by a GFCI at the source			
65	GFCI tested prior to use			
66	Air comp./lines have unrestricted airflow check valve			
67	Air tools secured to hose or whip by positive means			
68	Air hoses secured by positive means (pins)			
69	Air pressure reduced below 30psi when used for cleaning			
70	Proper cable/wire stripping tool used-knife not permitted			

HOUSEKEEPING				
	Y	N	N/A	
71	Clean	✓		
72	Orderly	✓		
73	All items secured	✓		
74	Cigarettes butts disposed of-not thrown on ground	✓		
75	Drip pans/secondary containment as needed - <u>Good</u>	✓		
76	Absorbent Pads	✓		

MISCELLANEOUS				
	Y	N	N/A	
77	Appropriate/req. signs, signals, barricades, & lights	✓		
78	Other:			✓

COMMENTS: One mechanic was not wearing a hard hat and was not performing an activity that did not require one. Harvey Davila (Foreman) corrected the issue immediately.

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	14014
Contract Description:	Assembly
Report Date:	10-21-11

Work Condition:	on work INTERIOR ELECT, FORM RACKS
Site Condition:	CLEAR, WIND
Weather:	75°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor:

- MCI SENT IN INCIDENT RESPONSE FROM FRIDAY
- LARRY REVIEWING
- NO OH WORK BEING DONE
- ALL EMPLOYEE'S OBSERVED IN PROPER PPE
- ALL GUESTS SIGNEED JHA
- ALL GENERATORS BEING USED INSIDE OF BUILDING WERE GROUNDED

Meeting or Discussion:

List of Participants: KEITH, RAYMOND, KEVIN, RALPH

- Discussed plan for slab pours
- Conflict with downspouts
- ~~Concrete Pour~~
- KEITH STATED THEY WOULD FIGHT FIT AND EROSION IS TAKEN INTO ACCOUNT WHILE FORMING UP BENEATH & AROUND
- Need to use splash blocks

Production Notes: (list CM observed production for the day)

- BEGAN FORMING ON EAST SIDE
- Electrical wire pulling continues

Genesis Solar LLC
 Construction Management
 Daily Observation and Reporting

Contract Number:	1608
Contract Description:	Assm. Bldg
Report Date:	11-16-11

Work Condition:	OH Work
Site Condition:	CLEAN, NEAT
Weather:	75°

Safety: (list any observations which pertain to safety)

List Contractor or Subcontractor: MCI

- GARY (GENESIS) OBSERVED AN EMPLOYEE WORKING ON THE ROOF W/O HIS FALL PROTECTION GEAR
- THE EMPLOYEE WAS REMOVED FROM SITE FOR THE REMAINDER OF THE PROJECT
- MCI WILL BE GENERATING A RESPONSE FROM THE INCIDENT WITH A CORRECTIVE ACTION PLAN

Meeting or Discussion:

List of Participants: KEITH-MCI

- DISCUSSED PLAN ON SLAB WORK FOR PER DEN-4.
- PRE PUNCH LIST ITEMS WERE REVIEWED WITH MCI
- PREFAB WILL BE DEMORBING UNTIL FURTHER NOTE
- MCI EXPECTS ELECTRICAL ROUGH IN TO BE READY FOR INSPECTION FW 2 WEEK

Production Notes: (list CM observed production for the day)

- ELECTRICAL ROUGHING CONTINUES
- PULL WIRE FOR EXHAUST FANS, ROLL UP DOORS & OUTLETS
- PREFAB FINISHED CRANE BEAMS - ~~BE~~ DEMOB
- BEGAN FORMING ON ^{EAST} WEST SIDE



- Need to follow up with Subcut (Risk) and insure N-95 dust masks are available.

FOREMAN WEEKLY SAFETY AUDIT

**Completed form should be turned in to the Site Safety Coordinator Weekly.

COMPANY/CRAFT: 1008 Site Preparation - Subcut DATE/TIME: 11-22-11 7:15 a.m.
 LOCATION/WORK ACTIVITY: Block 6 Cut, Block 8 Fill FOREMAN/INSPECTOR SIGN: Jeremiah Westrum

PRE-TASK ACTIVITIES				
	Y	N	N/A	
1	Potential hazards identified to completing Tailboard	✓		
2	Tailboard in work area	✓		
3	All workers reviewed Tailboard	✓		
4	All containers labeled w/o regard to size or use time			NO
5	Excavation inspection completed			NO
6	Any permits required to complete activity?		✓	
6a	Have they been obtained?			✓
7	Lockout/tagout required		✓	
8	Drinking water, disposable cups & trash receptacle	✓		
9	Sanitary facility (s)	✓		

CLOTHING/PPE				
	Y	N	N/A	
10	Shirt with 4" over the shoulder sleeve	✓		
11	PPE inspected prior to use (including electrical insulating)			NO
12	Appropriate eye protection	✓		
13	Head protection (Min. Hard hat w/co./employee ID)	✓		
14	Appropriate gloves worn - <u>Air-water Crew</u>	✓		
15	Leather work boots or other appropriate footwear	✓		
16	Hearing protection			NO
17	Safety vests worn	✓		
18	Respirator needed? - <u>Low dust today</u>		✓	

FALL PROTECTION				
	Y	N	N/A	
19	Fall Protection equipment inspected prior to use			NO
20	100% Personal Fall Protection worn when above 6'			
21	Personal Fall Protection fully donned and snug			
22	Lanyards attached to harness properly and anchored to limit free fall			
23	Tools/equipment secured from falling			
24	Personnel not working below others w/o protection			
25	Floor/wall openings covered or protected			
26	Tower ladder hatches closed			
27	Ladders inspected prior to use			
28	Ladders secured before and while in use			
29	Stepladder spreaders locked while in use			
30	Extension ladders extend 3' (4 rungs) above landing			
31	Tie-off point available/accessible from top of ladder			
32	Ladsafe/self-retracting lifeline on ladders over 24'			
33	Stairs with 4 or more risers have handrail			
34	Stairs or ladders used when access point is more than 19"			

EQUIPMENT (LIST)				
	Y	N	N/A	
35	GREW TRUCK 12 ea 657 Sensors - INSPECTED			
	1 ea Water Fall Water Trucks - INSPECTED			
	1 ea Tractor & Dish - INSPECTED			
	2 ea 166 Blades - INSPECTED			
36	Seat belt/Seat Harness worn	✓		
37	Back-up alarm audible around surrounding noise			NO
37a	Vehicle back-up alarm			NO
37b	Equipment			

CRANE(S) (LIST)				
	Y	N	N/A	
38				- INSPECTED
				- INSPECTED
				- INSPECTED
39	Swing radius barricaded			
40	Crane & load maintaining required electrical clearance			
41	Tag lines used			
42	Back-up alarm audible above surrounding noise level			

FIRE PROTECTION				
	Y	N	N/A	
43	Hot work/fire watch			✓
44	Suitable fire extinguisher - <u>checked 166 motor grader</u>	✓		
45	Flammable/combustible liquids stored out of work area	✓		
46	Only metal safety cans w/spout (no plastic containers)	✓		
47	Equip. containing flammables protected from sparks, etc.			
48	Equip. containing flammables protected from elec. circuit			
49	Equip. containing flammables stored properly			
50	Compressed gas cylinders upright in rack or cart			
51	Compressed gas cylinders protected from sparks, etc.			
52	Compressed gas cylinders protected from elec. circuit			
53	Anti-flash back valves on oxygen/acetylene lines			
54	Friction lighters available and used to light torches			
55	Whip & cable free of repair 10' from electrode holder			
56	Unattended electrodes removed from holder			
57	Welding machines/generator frames grounded			

RIGGING, HAND AND POWER TOOLS				
	Y	N	N/A	
58	Rigging inspected before use			NO
59	Proper rigging practices being followed			
60	All hand and electric tools inspected prior to use			
61	All elec. tools 3-prong (grounded) or double insulated			
62	All electric cords inspected prior to use			
63	Electric cords rated for "Hard or Extra-Hard" use			
64	Personnel protected from shock by a GFCI at the source			
65	GFCI tested prior to use			
66	Air comp./lines have unrestricted airflow check valve			
67	Air tools secured to hose or whip by positive means			
68	Air hoses secured by positive means (pins)			
69	Air pressure reduced below 30psi when used for cleaning			
70	Proper cable/wire stripping tool used-knife not permitted			

HOUSEKEEPING				
	Y	N	N/A	
71	Clean	✓		
72	Orderly	✓		
73	All items secured	✓		
74	Cigarettes butts disposed of-not thrown on ground (Bin)	✓		
75	Drip pans/secondary containment as needed <u>in equipment</u>	✓		
76	Absorbent Pads - <u>Placed in equipment</u>	✓		

MISCELLANEOUS				
	Y	N	N/A	
77	Appropriate/req. signs, signals, barricades, & lights	✓		
78	Other: <u>Radar Speed Sign</u>	✓		

↳ Installed in Block 7 between cut & fill on empty haul side.

COMMENTS: NO = Not observed

Appendix D

Civil-1

Schedule of Facility Design Submittals; Master Drawing and Master Specifications



November Monthly Report of CBO Activities
Prepared on 11-12-06 by Robert DeKruise

GEN-6: Approved Special Inspectors

- Scott H. Vacula, PE – Designated Project Manager/Lead
- Aklilu Y. Estifanos – Soils, Reinforced Concrete, Structural Steel & Bolting, Welding
- Kenneth Crump – Soils, Reinforced Concrete
- Wayne Brockman – Soils (verified credentials)
- Hisham Rakban – Concrete, soils, asphalt

GEN-7: Facility Design Discrepancy Documentation

- RFIs changing approved design or construction must be approved by CBO

GEN-8: As-builts, CBO Notification of Completion and Compliance

- Due within 15 days upon completion of project work

CIVIL-1: CBO Submittals-Drainage and Grading, Statement of Submittal

The following submittals have been approved by the CBO: This month in bold type

- CIVIL-1-1.0 Civil Engineering Criteria
- CIVIL-1-1.0X1 Civil Engineering Criteria
- CIVIL-1-10.0 Solar Field 1 Site Grading Drawings
- CIVIL-1-2.0 Access Road Package
- CIVIL-1-3.0 Geotechnical Engineering Report
- CIVIL-1-4.0 Temporary Tortoise Fence
- CIVIL-1-5.0 Preliminary Site Preparation Package
- CIVIL-1-7.0 Grading and Drainage Drawings
- CIVIL-1-8.0 Reports and Studies
- CIVIL-1-9.0 Channel Drawings and Reports
- CIVIL-1-10.0 Solar Field 1 Site Grading Drawings
- CIVIL-1-11.0 Solar Field 2 Site Grading Drawings
- **CIVIL-1-11.0X1 Solar Field 2 Site Grading Drawings**
- **CIVIL-1-12.0 Site Preparation Drawings**

CIVIL-3: CBO Site Grading Inspections

- No discrepancies this month from PSI

CIVIL-4: Final Grading Plans

- Due within 30 days upon completion of the erosion and sediment control mitigation and drainage work.



ELEC-1: Submittal – Electrical Equipment and Systems 480 Volts or higher

The following submittals have been approved by the CBO, this month in bold type:

- ELEC-1-2.0 Temporary Panel for TW2
- ELEC-1-4.0 33kV Temporary Construction Bid Package
- ELEC-1-5.0 33kV Data Sheet and Specifications
- ELEC-1-7.0 Installation Detail and Assembly Drawings
- ELEC-1-8.0 Electrical Specifications
- ELEC-1-9.0 12kV Specifications (12.47 KV Pad Mounted Transformer)
- ELEC-1-10.0 Grounding Plans
- ELEC-1-11.0 Electrical Specifications (460 V Induction Motors)
- ELEC-1-12.0 Electrical Specifications (600 V Power and Control Cable)
- **ELEC-1-13.0 Electrical Drawings for Assembly**
- ELEC-1-14.0 4160 V Diesel Generator

MECH-1: CBO Submittal – Plan Piping and Plumbing System Inspection Approvals

- No CBO submittals or inspections this month

MECH-2: CBO and Cal-OSHA Submittal – Pressure Vessel

- No CBO submittals or inspections this month

STRUC-1: CBO Submittals – Major Structure of Facility Design Component

The following submittals have been approved by the CBO, this month in bold type:

- STRUC-1-1.0 Sener Structural Drawings
- STRUC-1-3.0 Concrete Solar Foundation Drawings
- STRUC-1-7.0 Drilled Caisson Specification
- STRUC-1-8.0 Structural Standard Drawings
- STRUC-1-9.0 Drilled Reinforced Concrete Caissons Testing
- STRUC-1-10.0 Drilled Reinforced Concrete Caissons
- STRUC-1-12.0 Common Area Assembly Line Building Drawings
- STRUC-1-500 Application for Alternate Mat and Methods of Caisson Construction
- **STRUC-1-13.0 Steam Turbine Foundation**

STRUC-3: CBO Submittal – Design Changes, Revised Drawings, Specs and Calcs

- **DCN-0-1CD-004 Changed Assembly Building concrete aprons to landings**

STRUC-4: 2007 CBC Compliance for Toxic or Hazardous Materials

- No CBO submittals or inspections this month

TSE-1: CBO and CPM Submittal – Schedule of Design Submittals

- No CBO submittals this month



TSE-4: CBO Submittal – Power Plant Switchyard, Outlet Line and Termination Design Plans

- No CBO submittals this month

REDACTED*

APPENDIX E

CULTURAL MONITOR REPORTS

CUL-8 and CUL-13

CONSTRUCTION MONITORING PLAN and FLAG AND AVOID

REDACTED*

* This information is exempt from public disclosure as set forth in the Energy Commission's statutes and regulations (Pub. Resources Code, sec. 25300 et seq., Cal. Code Regs., Title 20 secs. 1361 et seq., 2501 et seq. and 2505 et seq.), and the California Public Records Act (Gov. Code, sec. 6250 et seq.)

Appendix F

Safety Reports and Incidents

Worker Safety-3

Construction Safety Supervisor – Staff Assignment

Appendix G
Miscellaneous Submittals and Information

Genesis Daily Site Report

November 1, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Meetings today included Genesis team, Sukut Site Prep & General Services and Tom Turansky. Conversation with Tom Turansky included barricading for overhead work at the assembly building and PPE at Sukut's Mechanics area.

MCI

Site contractor conversations about barricade tape placement for overhead work at the assembly building.

South West

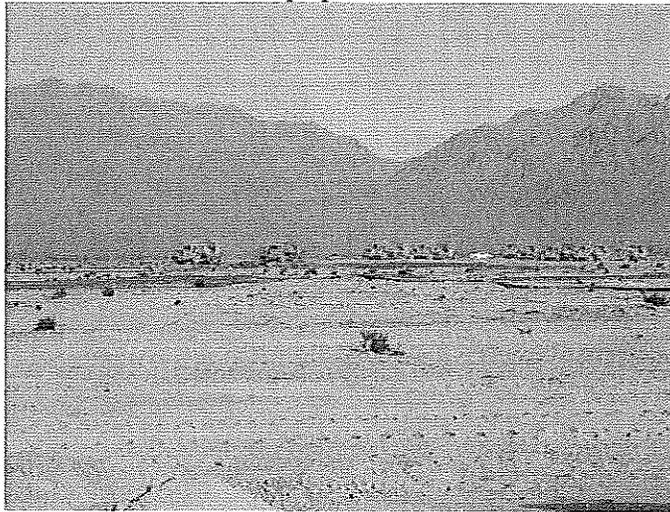
Site conversation about proper machine guarding at well site #2

Safety Topic of the Week: "Near Miss – The One That Almost Happened"

Weather Conditions: Sunny, Temp -- High 91 Winds – ESE 5 MPH

Site Compliance: No issues.

1. Site Preparation (K008) Sukut continued cut operations in Block 1 with fill being placed in Block 3. Finish grade continued at Block 5 and fill preparation in Block 3.



2. MCI (K018) began roofing and exterior apron rebar activities today. Concrete is scheduled to be poured at the interior pit walls tomorrow morning. Over head door installation continued today.
3. PSI (K007) continued with testing activities at Unit One Solar Field and the Assembly Building.
4. General Services (K010) Sukut Services continued with dust control on the main access road.
5. South West (K006) was on site to perform scheduled maintenance of wells.

Personnel on Site-
Genesis Team – 14
NAM - 3
Sukut – 36
PSI Testing - 3
SW Well Drilling - 1
SWCA - 0
Terracon - 1
MC industrial - 20
AECOM - 5
Guardsmark - 3

Genesis Daily Site Report

November 2, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Civil Work ceased for high winds and blowing dust.

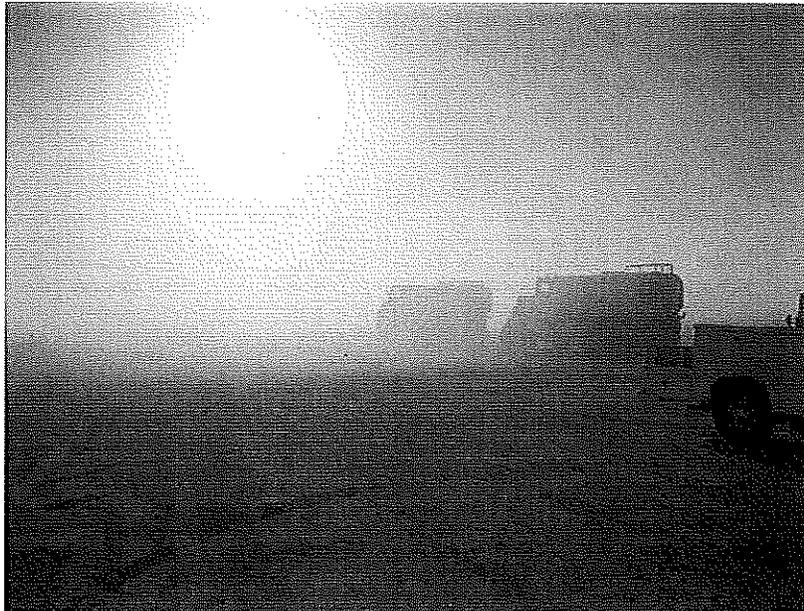
Early concrete pour inside the assembly building. No sheeting work today. Garage door crew was able to work inside.

Safety Topic of the Week: **“Near Miss – The One That Almost Happened”**

Weather Conditions: Sunny, Temp – High 75 Winds – NW 15- 25 MPH gusts to 40

Site Compliance: No issues.

1. Site Preparation (K008) no work due to high wind conditions.



2. MCI (K018) Completed pouring the North Pit 1 Pit Walls this morning with no issues. Overhead Door installations continued today. Rebar and roofing activities were shut down for the day due to high winds.

3. PSI (K007) Performed concrete tests at the Assembly Building.

4. General Services (K010) Sukut Services continued with dust control on the main access road.

Personnel on Site-
Genesis Team - 14
NAM - 3
Sukut - 8
PSI Testing - 2
SW Well Drilling - 1
SWCA - 0
Terracon - 1
MC industrial - 20
AECOM - 5
Guardsmark - 3

Genesis Daily Site Report

November 3, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Orientation for Scotsman office trailer installation crew and Par Electric.

Site visit with Eric Veerkamp.

Both MCI and Sukut had accurate JHAs in place and presented them well for visitors.

PPE and barricade were in place at MCI

Safety Topic of the Week: "Near Miss – The One That Almost Happened"

Weather Conditions: Sunny, Temp – High 75; Winds – NNE 1-4 MPH, gusts to 15MPH

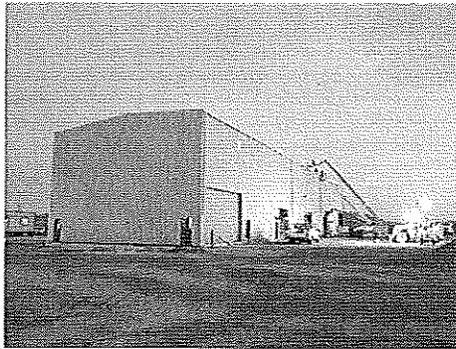
Site Compliance: No major issues or concerns. Eric Veerkamp CEC CPM was on site for a visit and site inspection. Eric's focus was on Site Prep Work. His only issue was that the scrapers slow down a bit to maintain the 25mph speed limit cap. This was discussed with Sukut. Overall a good visit and inspection.

Items completed and working:

1. Site Preparation (K008): continued cut operations in Block 1 with fill being placed in Block 3. Block 3 fill preparation continued and finish grade in Block 5. Sukut is scheduled to work on Saturday prepping fill areas in Block 3.



2. MCI (K018): Resumed installation of roof. Stripped interior pit wall forms. Tied rebar for exterior apron.



3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. SPX (K057): 3 SPX representatives and Pat Lally(Fluor) visited the Blythe office for a Pre-Con meeting. They were then escorted through the site for a visit.
5. Par Electric (K012): Attended an interface meeting with associated parties regarding parallel installation of 12kV and communication.
6. Frontier Communications: Attended an interface meeting with associated parties regarding parallel installation of 12kV and communication.
7. Bowlin Group: Attended an interface meeting with associated parties regarding parallel installation of 12kV and Communication.
8. Sukut (K010): Continued with dust control.

Personnel on Site-

Genesis Team – 14

NAM - 3

Sukut – 36

PSI Testing - 2

SPX -3

Terracon – 1

Fluor- 1

MC industrial - 20

AECOM - 5

Guardsmark – 3

Frontier-2

Bowlin-2

Par Electric-5

Genesis Daily Site Report

November 4, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Roof crew stopped for high winds at the assembly building mid-morning. Door installation continued on the inside without incident.

2 employees from Sukut were reported speeding on the access road and will receive suspension for their actions.

Sukut's site area was orderly with proper PPE and JHA.

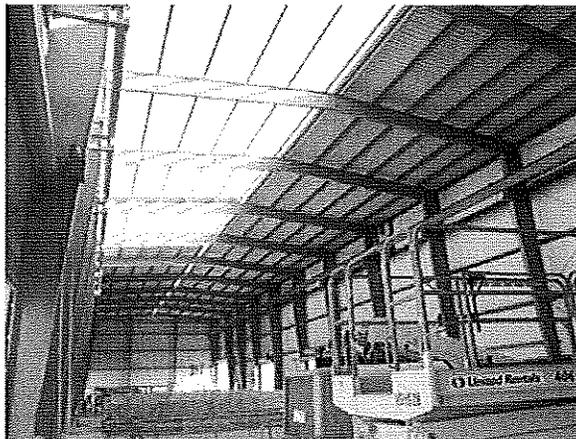
Safety Topic of the Week: "Near Miss – The One That Almost Happened"

Weather Conditions: Partly Cloudy, Temp – High 75; Winds – NNE 4-20 MPH, gusts to 30 MPH

Site Compliance: No issues to report; speeding vehicle, see safety notes.

Items completed and working:

1. Site Preparation (K008): Cut and fill continued at full fleet in Solar Field 1.
2. MCI (K018): Installed roofing until wind speeds became excessive. Installed trim and flashing, continued with door installation. Placed embeds for low pit type 1 walls. Electrical work was performed on interior panel.



3. PSI (K007): Performed compaction tests for the cut and fill operations.

8. Sukut (K010): Continued with dust control and offloaded 5 assembly building jig containers.

Personnel on Site-

Genesis Team - 14

NAM - 3

Sukut - 36

PSI Testing - 1

Terracon - 1

MC industrial - 18

AECOM - 5

Guardsmark - 3

Genesis Daily Site Report

November 7, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Site orientation for Largo survey team.

Kick off meeting with Largo K-013 Caisson contract.

Jason Neuman (Fire Captain with the Riverside County Fire Department) visited the site to review the fire access / prevention plan for the trailer city complex. Positive feedback was received.

*Correction to 11-4-11 Report: 2 speeding persons were not employed by Sukut, they were MCI employees.

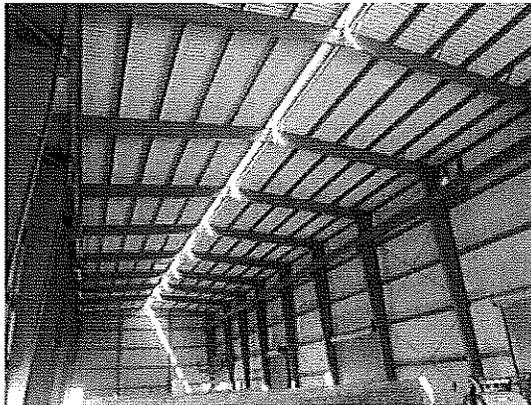
Safety Topic of the Week: "Back Injury Prevention Tips"

Weather Conditions: Partly Cloudy, Temp – High 63; Winds – NNW 5-10 MPH, gusts to 15 MPH

Site Compliance: No issues to report. Started Kit Fox den #8 collapse.

Items completed and working:

1. Site Preparation (K008): Cut and fill continued at full fleet in Solar Field 1.
2. MCI (K018): Completed main roof installation. Prepped embeds for final pit wall pours.



3. PSI (K007): Performed compaction tests for the cut and fill operations.

4. Sukut (K010): Continued with dust control and kit fox den collapse.

5. PAR Electric (K012): Site delivery of- 125 Class A power poles off loaded and stored.



6. Largo (K013): Pre-Construction meeting was held for the K013 contract. Verified survey monuments.

Personnel on Site-

Genesis Team – 12

NAM - 2

Sukut(K010) – 3

Sukut(K008)-33

PSI Testing - 2

Terracon – 1

MC industrial - 15

AECOM - 5

Guardsmark – 3

PAR E.-3

Largo (K013) - 5

Genesis Daily Site Report

November 8, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

MCI's Safety Coordinator, Pat Bourne, has been re-assigned and replacement Jose Bollo is onsite. The Site Safety Director met with Jose and discussed site history and expectations.

At the weekly site prep meeting with Sukut discussions were held addressing concerns about monitors having enough time to complete their survey between rounds of scraper activities. Sukut held a second JHA during lunch to affirm positive communication between operators and ground crews. Monitors are to have a flag for greater visibility. Provisions are being made for radio communications.

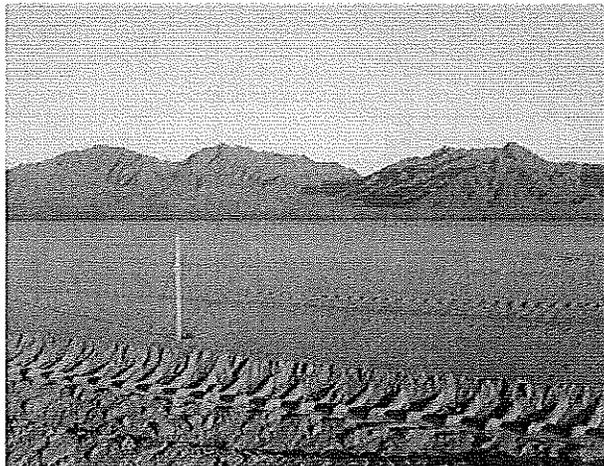
Safety Topic of the Week: "Back Injury Prevention Tips"

Weather Conditions: Partly Cloudy, Temp – High 63; Winds – N 4-6 MPH, gusts to 16 MPH

Site Compliance: A hydraulic leak was communicated to the Designated Biologist, appropriate compliance parties were notified to supervise the cleanup. Work continued on the Kit Fox den #8 collapses.

Items completed and working:

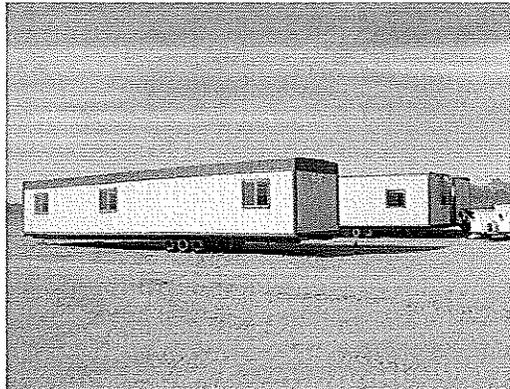
1. Site Preparation (K008): Cut operations continued in Block 1 with fill placed in Block 3. The Holt Group was onsite to certify finish grade at Block 5, with results to follow later in the week.



2. MCI (K018): Poured south pit 1 walls and building bollards. Began installation of personnel doors. Installed roof ridge cap.



3. PSI (K007): Performed compaction tests for the cut and fill operations and took concrete samples at the assembly building.
4. Sukut (K010): Continued with dust control and kit fox den collapse.
5. Largo (K013): Continued with site establishment of survey points.
6. Williams Scotsman: 3 trailers were delivered for trailer city today.



Personnel on Site-
Genesis Team – 12
NAM - 2
Sukut(K010) – 3
Sukut(K008) - 36
PSI Testing - 2
Terracon – 1
MC industrial - 15
AECOM - 5
Guardsmark – 3
Largo (K013) – 3
William Scotsman - 5
Holt Group - 2

Genesis Daily Site Report

November 9, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Sukut's JHA stressed the importance of positive communication between Operators and Monitors.

Sukut's Safety made sure all Monitors have or have access to personal signal flags.

Electricians at the assembly building had a good JHA in place with appropriate hazards identified.

MCI made preparation pour concrete early in the morning. PPE discussed at the MCI jobsite

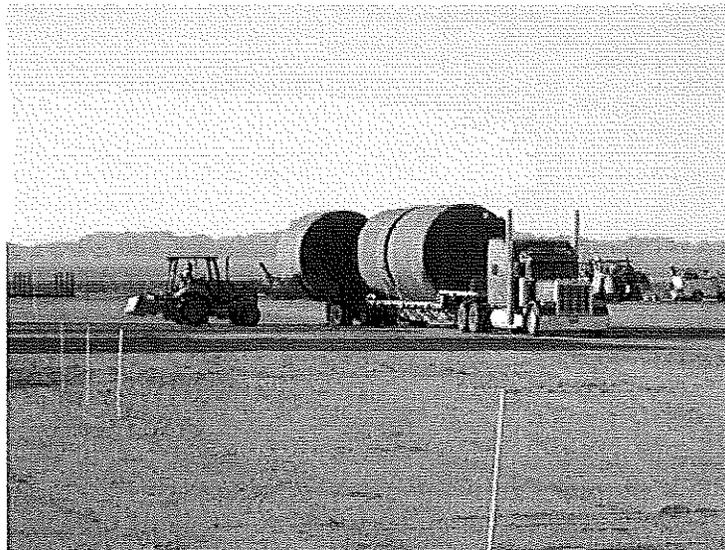
Safety Topic of the Week: "Back Injury Prevention Tips"

Weather Conditions: Partly Cloudy, Temp – High 67; Winds – N 8-10 MPH, gusts to 18 MPH

Site Compliance: The site designated biologist refreshed procedures for spills with Sukut. Kit Fox den #8 is fully collapsed.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 with fill placed in Block 3.
2. MCI (K018): Installed personnel doors. Installed trim. Electrical rough in work. Prepped for last interior pour.
3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control and kit fox den collapse. 8 Fire water tanks were delivered to site.



5. Largo (K013): Continued with site establishment of survey points.
6. Williams Scotsman: 2 additional trailers were delivered for trailer city today.

Personnel on Site-

Genesis Team – 12

NAM - 4

Sukut(K010) – 3

Sukut(K008) - 36

PSI Testing - 2

Terracon – 1

MC industrial - 15

AECOM - 7

Guardsmark – 3

Largo (K013) – 3

William Scotsman - 5

Holt Group - 2

Genesis Daily Site Report

November 10, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Site audit with NextEra Safety.

MCI had good JHA and orderly worksite.

Sukut had a good JHA but some attention was needed at the oil storage area.

William Scotsman had good job specific JHA and proper PPE.

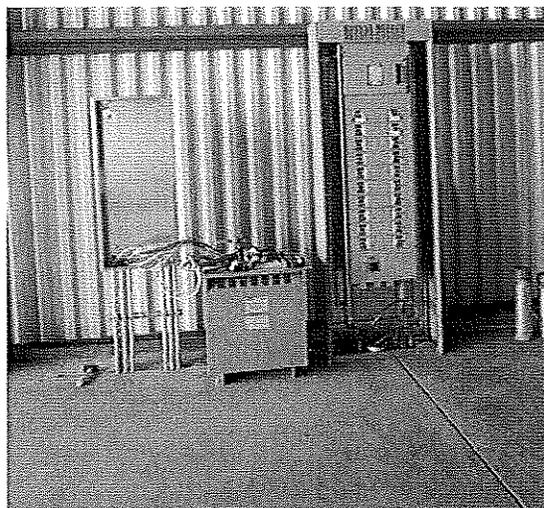
Safety Topic of the Week: "Back Injury Prevention Tips"

Weather Conditions: Partly Cloudy, Temp – High 76; Winds – NE 5-6 MPH, gusts to 14MPH

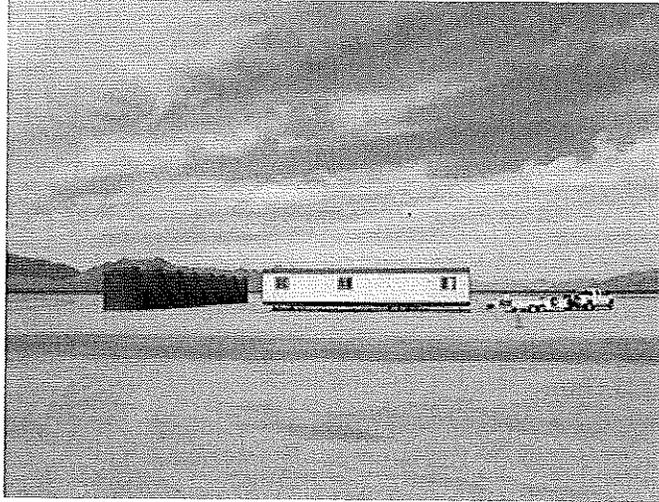
Site Compliance: Beth Bagwell (CEC Cultural Resources Staff) observed monitoring practices in the cut and fill areas, she expressed no concerns. A sick Kit Fox was observed near den #17; the Site Designated Biologist took the animal to a local Veterinarian office.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 with fill placed in Block 3. Cut operations also resumed in channel 8.
2. MCI (K018): Completed last interior concrete pour, pulled interior wire. Work began to accommodate for DCN 004.



3. PSI (K007): Performed compaction tests for the cut and fill operations. Took concrete samples at assembly building.
4. Sukut (K010): Continued with dust control.



5. Largo (K013): Continued with site establishment of survey points.
6. William Scottsman: Resumed trailer city setup.

Personnel on Site-

Genesis Team – 12
NAM - 4
Sukut(K010) – 3
Sukut(K008) - 36
PSI Testing - 2
Terracon – 1
MC industrial - 15
AECOM - 7
Guardsmark – 3
Largo (K013) – 3
Holt Group – 2
William Scottsman-6

Genesis Daily Site Report

November 11, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Due to the holiday, most construction subcontractors did not work today.

Motorcyclists were observed in the vicinity of the jobsite. BLM Ranger Quartizar was contacted by site team.

Safety Topic of the Week: "Back Injury Prevention Tips"

Weather Conditions: Partly Cloudy, Temp – High 70; Winds – SSE 1-5 MPH, gusts to 8MPH

Site Compliance: Yesterday the sick Kit Fox died in route to the Veterinarian Clinic; the animal was taken to San Bernardino for a necropsy.

Items completed and working:

1. William Scottsman: Resumed trailer city setup with installation of tie-downs and skirting.

Personnel on Site-

Genesis Team – 15

Guardsmark – 3

William Scottsman-6



Genesis Daily Site Report

November 14, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Sukut: Held orientation for new employees, installed a radar speed indicator to help operators maintain established speed limits. Additional signage and containment pallets have been ordered for the site.

MCI: Observed with good JHA and proper PPE onsite. Some work needs to be done on monthly inspections, color coding of power tools and electrical cords. Generator/light plant used indoors for power needs external grounding.

General: Contractors onsite need to complete equipment inspections before all operation.



Safety Topic of the Week: "Complacency" - *"self-satisfaction accompanied by unawareness of actual danger or deficiencies"*.

Weather Conditions: Sunny, Temp – High 73; Winds – N 1-4 MPH, gusts to 10 MPH

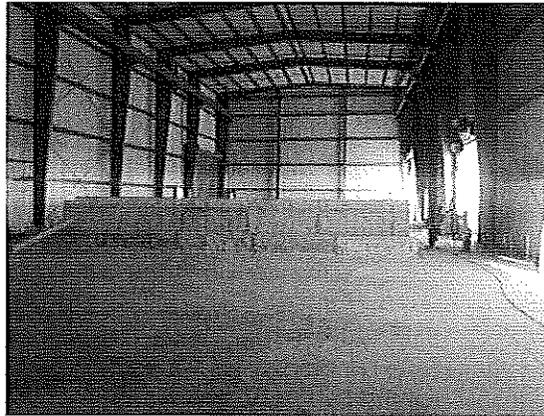
Site Compliance: No issues to report.

Items completed and working:

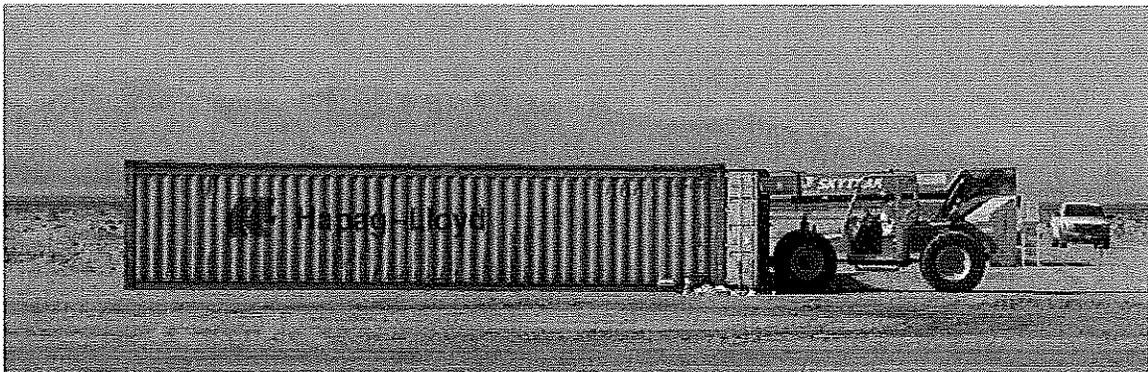
1. Site Preparation (K008): Continued cut in northern channel and fill operations in Block 3.



2. MCI (K018): Continued pulling interior building wire, installed trim around doors and canopies. Performed concrete post-finish work to pit type 1 walls. All doors are roughed in to date.



3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control. Unloaded assembly building shipment containers.



5. Largo (K013): Started caisson location layout in Block 5.

Personnel on Site-

Genesis Team – 16

NAM - 4

Sukut(K010) – 3

Sukut(K008) - 36

PSI Testing - 3

Terracon – 1

MC industrial - 12

AECOM - 7

Guardsmark – 3

Largo (K013) – 5

Whiting Turner (Bid Walk)-2

Genesis Daily Site Report

November 15, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Largo: Held orientation for new employees. Emphasized JHA procedure with the layout crew.

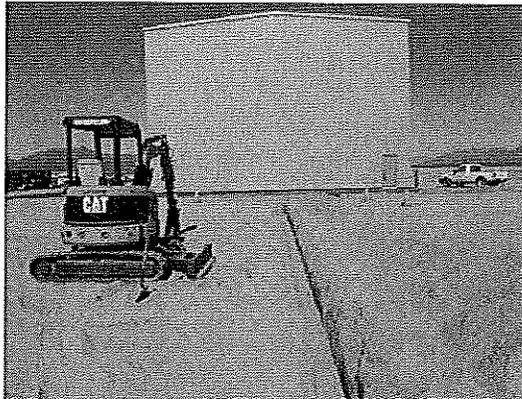
Safety Topic of the Week: "Complacency"- *"self-satisfaction accompanied by unawareness of actual danger or deficiencies"*.

Weather Conditions: Sunny, Temp – High 74; Winds – ESE at 4 MPH

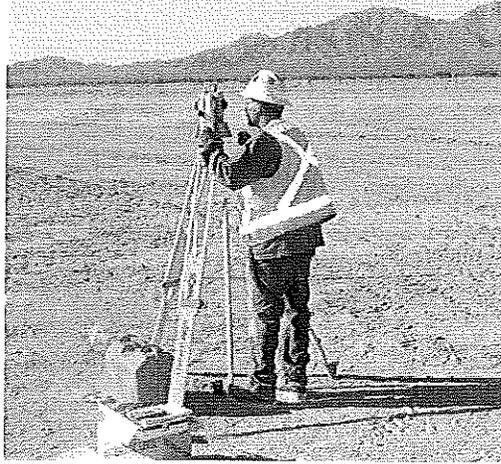
Site Compliance: No issues to report.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 1 with fill being placed in Block 3. Block 3 fill preparation continued and will move to Block 4 at the end of the week. Finish grading continued in Block 1, and will continue moving West.
2. MCI (K018): Continued with building internal electrical. Performed alignment of horizontal rails in preparation of the crane rails.



3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control. Installed conduit for temporary power.
5. Largo (K013): Continued caisson location layout in the NW corner of Block 5.



Personnel on Site-

Genesis Team – 20

NAM - 4

Sukut(K010) – 3

Sukut(K008) - 36

PSI Testing - 3

Terracon – 1

MC industrial - 10

AECOM - 7

Guardsmark – 3

Largo (K013) – 7

Genesis Daily Site Report

November 16, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Sukut - JHA board was put in place with a route map and visitor signature sheet. Reports from observers indicate that protocol for monitors and operators is working. Proper ladder use on Kline tanks was addressed with Sukut and ladders will be removed after use and set-up before each use.

McCarthy - Equipment stored at the end of the day needs to be in the down position. "Whip Checks" on pneumatic hose connectors are missing. This has been addressed previous and needs immediate attention.

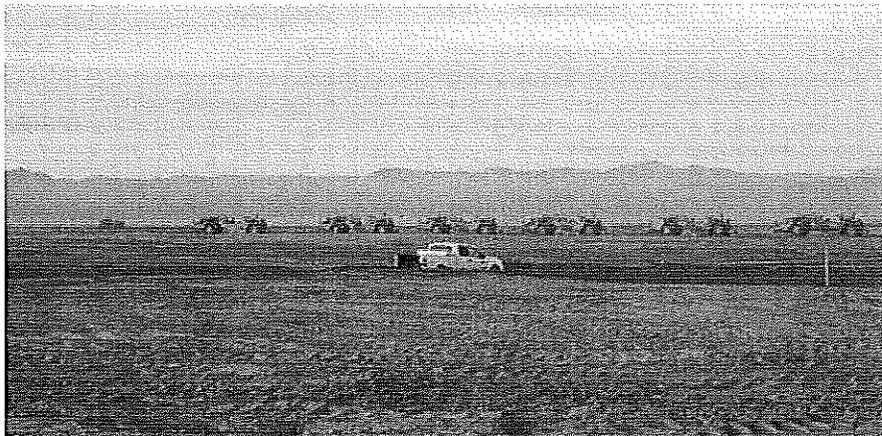
Safety Topic of the Week: "Complacency"- *"self-satisfaction accompanied by unawareness of actual danger or deficiencies"*.

Weather Conditions: Sunny, Temp – High 76; Winds – E at 5 MPH

Site Compliance: No sign of den 8 kit fox relocation. Den 17 is still active. There was a zone in block 6 that has been blocked off for further investigation by cultural resources.

Items completed and working:

1. Site Preparation (K008): Rough cut operations completed in Block 1 and started in Block 2 with fill being placed in Block 3. Fill preparation was completed in Block 3 and will start in Block 4 tomorrow. Finish grading continued in Block 1, and will continue moving West.



2. MCI (K018): BATZ measured the embeds in the pits. Electricians continued interior work. Interior work continued in the trim finish of the building.
3. PSI (K007): Performed compaction tests for the cut and fill operations.

4. Sukut (K010): Continued with dust control.
5. Largo (K013): Continued caisson location layout in the NW corner of Block 5. Received 2 connex boxes in their storage area.

Personnel on Site-

Genesis Team – 20

NAM - 4

Sukut(K010) – 3

Sukut(K008) - 36

PSI Testing - 3

Terracon – 1

MC industrial – 10

BATZ - 2

AECOM - 7

Guardsmark – 3

Largo (K013) – 7

Genesis Daily Site Report

November 17, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Sukut - JHA was posted and proper PPE was worn in the field. Ladders were removed from Klein tanks and portable ladder will be used for maintenance.

McCarthy - Installed whip checks on air hose couplings, raised elevation of access steps and reinforced equipment to be lowered when not in use.

Safety Topic of the Week: "Complacency"- *"self-satisfaction accompanied by unawareness of actual danger or deficiencies"*.

Weather Conditions: Sunny, Temp – High 77; Winds – ESE at 5 MPH

Site Compliance: Two deceased kit fox were discovered this morning outside den 17. The Designated Biologist took them to San Bernardino for a necropsy. There was a 200' buffer zone established around the cultural zone in block 6 that has been blocked off for further investigation. Cuts were reduced to 6" in the nearby areas.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 2, but were limited to four scrapers due to cultural items found. Finish grade continued in Block 1 and is progressing well. Fill preparation will continue in Block 4 tomorrow, along with fill placement in Block 3. Cut operations will resume to full production tomorrow morning, and alternative plans to move away from cultural sites have been in discussion, with implementation to follow.
2. MCI (K018): Electricians continued with their interior work. Installation of the trim finish continued.
3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control. Returned jig shipping containers, connected temp power to the assembly building.
5. Largo (K013): Continued caisson location layout in the NW corner of Block 5.



Personnel on Site-

Genesis Team – 20

NAM - 4

Sukut (K010) – 5

Sukut (K008) - 36

PSI Testing - 4

Terracon – 1

MC industrial – 10

BATZ - 1

AECOM - 7

Guardsmark – 3

Largo (K013) – 7

Holt Group – 2

PAR - 1

Genesis Daily Site Report

November 18, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Sukut - JHA station has moved from their connex office to the 60' office trailer located in trailer city.

McCarthy - One steel worker chose to disregard fall protection procedures and was expeditiously removed from site not to return. MCI will prepare a report of the action.

Safety Topic of the Week: "Complacency" - *"self-satisfaction accompanied by unawareness of actual danger or deficiencies"*.

Weather Conditions: Sunny, Temp – High 79; Winds – SW at 15-20 MPH

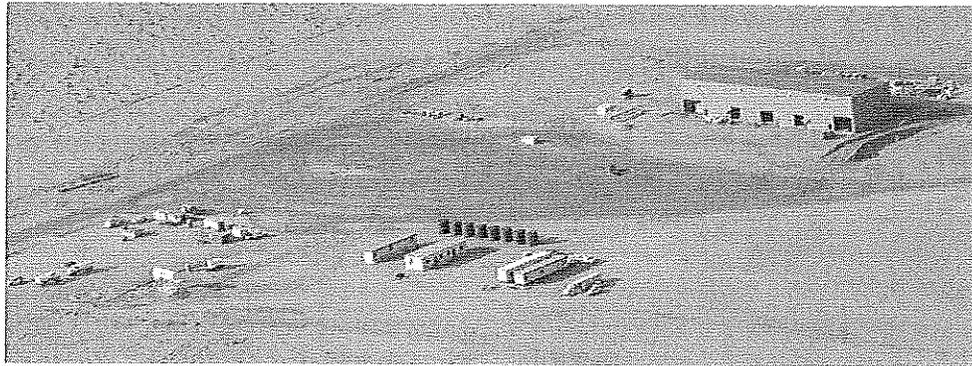
Site Compliance: The 200' buffer zone established around the cultural zone in block 2 yesterday was deemed insufficient and the grading operation was relocated to a block 6. The CEC and the cultural team are creating a plan for an exploratory trenching operation. Work for this activity is scheduled to begin after Thanksgiving. A broken water pipe created some ponding water but was repaired and mitigated appropriately.

Items completed and working:

1. Site Preparation (K008): Cut operations continued in Block 2, but were limited due to cultural items discovered, and was shutdown early. Finish grade continued in Block 1 with fill preparation in Block 4, along with fill placement in Block 3. Fill preparation will be moved to the East-end of Block 8 tomorrow. The pre-watering sprinkler system will be moved to the East-side of Block 6 over the weekend in efforts to resume the mass grading operations on Monday.



2. MCI (K018): Electricians continued with their interior wiring. Began to cut apron rebar. Finish work inside building continued.



3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control.
5. Largo (K013): Continued caisson location layout on the West side of Block 5.

Personnel on Site-

Genesis Team – 20

NAM - 4

Sukut (K010) – 2

Sukut (K008) - 37

PSI Testing - 4

Terracon – 1

MC industrial – 10

BATZ - 1

AECOM - 7

Guardsmark – 3

Largo (K013) – 7

Genesis Daily Site Report

November 21, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Tom Turansky visited the site today. No issues were reported.

K018 – Readdressed fall protection with the prefab contractor, however their work is now complete.

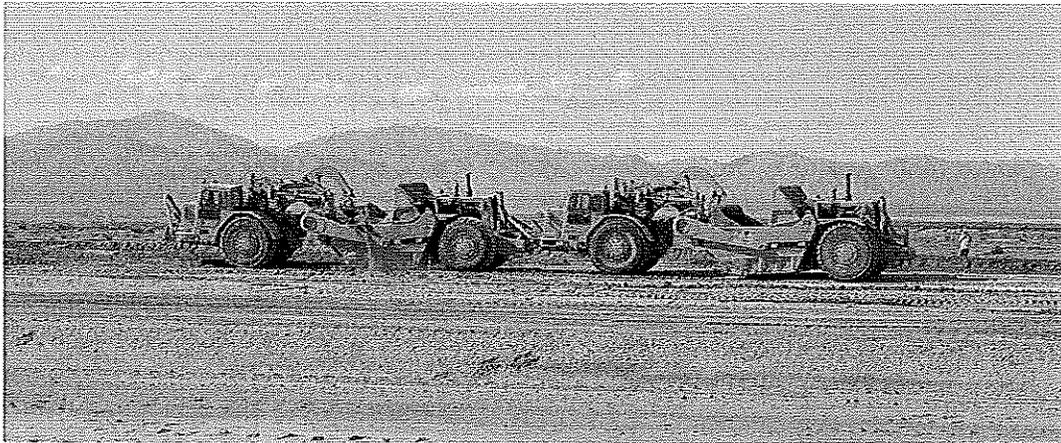
Safety Topic of the Week: “Thanksgiving Holiday Safety”

Weather Conditions: Sunny, Temp – High 69; Winds – NW at 4 MPH

Site Compliance: The cultural zone in block 2 remains in place.

Items completed and working:

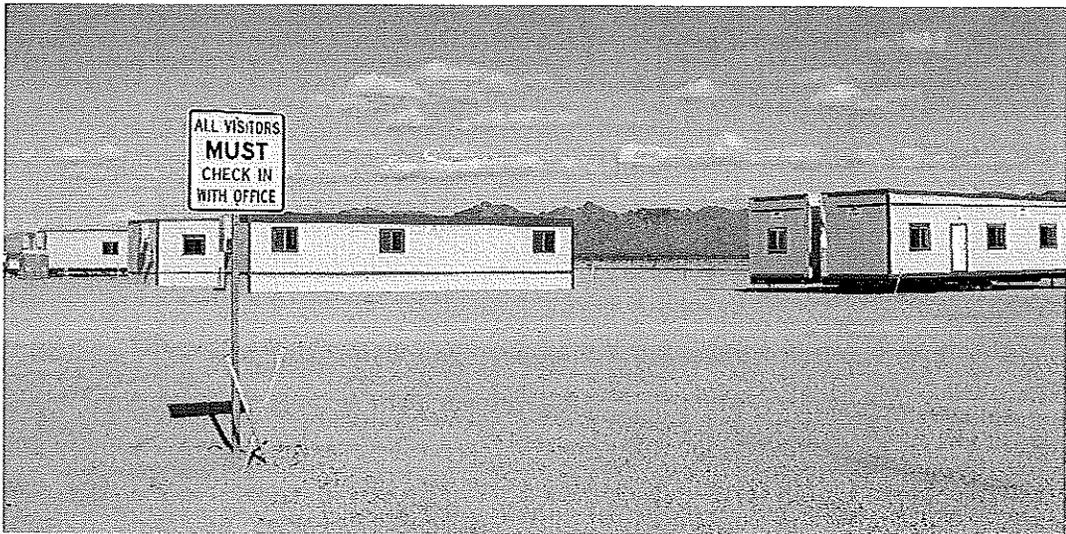
1. Site Preparation (K008): Mass grading operations were moved to Block 6 over the weekend. Cut from Block 6 was placed in Block 8 fill areas today at full production. Finish grade continued in Block 1 with fill preparation in Block 8.



2. MCI (K018): Electricians continued with their interior outlets & covers. Continued trim & finish items inside. Started forming up the Eastern driveway (concrete apron).
3. PSI (K007): Performed compaction tests for the cut and fill operations.
4. Sukut (K010): Continued with dust control. Unloaded a 3000 amp panel for the 12 KV line.
5. Largo (K013): Continued caisson location layout on the East side of Block 5. Received first shipment of forms/templates, began tying off-site rebar.



6. Trailer City – Two of the ten trailers were delivered for the main complex. The crew continued to anchor and skirt the trailers.



Personnel on Site-

Genesis Team – 17

NAM - 4

Sukut (K010) – 4

Sukut (K008) - 36

PSI Testing - 3

Terracon – 1

MC industrial – 7

AECOM - 7

Guardsmark – 3

Largo (K013) – 8

Williams Scotsman - 4

Genesis Daily Site Report

November 22, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

K013 – Had 4 individuals in for site orientation.

Safety Topic of the Week: “Thanksgiving Holiday Safety”

Weather Conditions: Sunny, Temp – High 72; Winds – N at 5 to 10 MPH

Site Compliance: Maintenance work on scraper was performed in accordance with proper procedures. Representatives from Genesis, BLM, CEC, and Native American Community will be onsite tomorrow morning to review the cultural zone in Block 2 and plan forward.



Items completed and working:

1. Site Preparation (K008): Cut operations worked in Block 6 and the Sedimentation Basin South of the Common Area, with fill being placed in Block 8. Fill preparation continued in Block 3 and finish grading in Block 1.
2. MCI (K018): Electricians continued with their interior outlets & covers. Continued trim & finish items inside. Forming up the Southern & Eastern concrete aprons.
3. PSI (K007): Performed compaction tests for the cut and fill operations.

4. Sukut (K010): Continued with dust control.
5. Largo (K013): Continued caisson location layout on the East side of Block 5. Received first shipment bolts/nuts/washer plates.



6. Trailer City – Three more trailers were delivered for the main complex. The crew continued to anchor and skirt the trailers.

Personnel on Site-

Genesis Team – 15

NAM - 4

Sukut (K010) – 1

Sukut (K008) - 36

PSI Testing - 3

Terracon -- 1

MC industrial – 7

AECOM - 7

Guardsmark – 3

Largo (K013) – 8

Williams Scotsman – 4

BATZ - 1

Genesis Daily Site Report

November 23, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Williams Scottsman (Trailer Set-up) – Continued good practice of utilizing JHA prior to starting work.

Safety Topic of the Week: “Thanksgiving Holiday Safety”

Weather Conditions: Sunny, Temp – High 76; Winds – E at 5 to 10 MPH

Site Compliance: George Kline (BLM Archeologist), Beth Bagwell (CEC Cultural Resources), & Matt Tennyson (AECOM) were all onsite today to view the culturally sensitive area onsite. Matt & Jessica are working with the CEC & BLM to develop a testing strategy for the cultural area. Approval was received to continue work outside of this area.

Items completed and working:

1. Site Preparation (K008): No Cut or fill operations were carried out today due to the ongoing discussions of the culturally zone in unit 1. Performed routine maintenance on machinery.
2. MCI (K018): Electricians continued with their interior outlets & covers. Continued trim & finish items inside. Forming up the Southern & Eastern concrete aprons.
3. PSI (K007): Performed a few compaction tests & caught up on paperwork.
4. Sukut (K010): Continued with dust control.
5. Largo (K013): Continued caisson location layout in Block 5.
6. PAR – Shrink wrapped 4 x 3000 Amp Breakers & received 25 straight drop transmission line insulators.



7. Trailer City – Three more trailers were delivered for the main complex. The crew started setting up the main 10 plex trailer complex.



Personnel on Site-

Genesis Team – 11

NAM - 3

Sukut (K010) – 1

Sukut (K008) - 2

PSI Testing - 2

Terracon – 1

MC industrial – 10

AECOM - 1

Guardsmark – 3

Largo (K013) – 8

Williams Scotsman – 4

PAR - 1

Genesis Daily Site Report

November 28, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

It was noted that all contractors were utilizing a good JHA process.

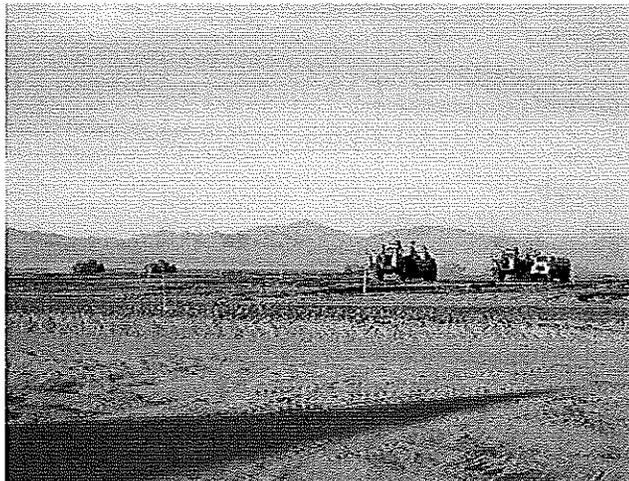
Safety Topic of the Week: "Trenching Safety"

Weather Conditions: Sunny, Temp – High 74; Winds – SSE at 5 to 10 MPH

Site Compliance: No issues reported. Waiting for approval on the plan of action for the cultural zone in block 2.

Items completed and working:

1. Site Preparation (K008): Sukut continued cut operations in Block 6 and the sedimentation pond south of the Common area, with fill placed in Block 8. Block 8 fill preparation continued, and finish grade was ongoing in Blocks 6 and 7.



2. MCI (K018): MCI completed forming and rebar installation on the East side. The East side stoops and ramps are scheduled to be poured tomorrow morning. Louver installation was completed today. Interior electrical work continued.



3. PSI (K007): PSI continued compaction testing in Unit 1.
4. Sukut (K010): Performed dust control on the main access road.
5. Largo (K013): Continued caisson location layout in Block 5.
6. Trailer City – 4 of the 10 trailers for the main complex were installed. The remaining two trailers are being shipped tomorrow.

Personnel on Site-

Genesis Team – 12

NAM - 4

Sukut (K010) – 1

Sukut (K008) - 2

PSI Testing - 2

Terracon – 1

MC industrial – 8

AECOM - 6

Guardsmark – 3

Largo (K013) – 8

Williams Scotsman – 4

Genesis Daily Site Report

November 29, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Met with Blythe Power Management to discuss safety at the construction kick-off.

Met with Largo at Caisson weekly meeting to discuss plans for mobilization.

Concerns by Sukut and BV prompted traffic pattern changes for scrapers and other contractors onsite.

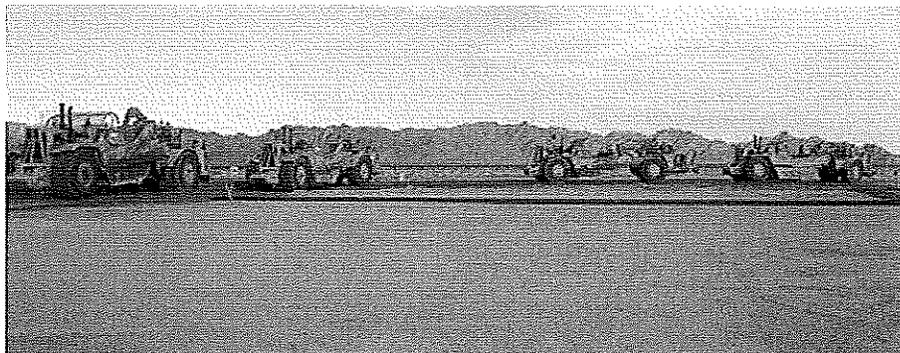
Safety Topic of the Week: "Trenching Safety"

Weather Conditions: Sunny, Temp – High 74; Winds – SSE at 5 to 10 MPH

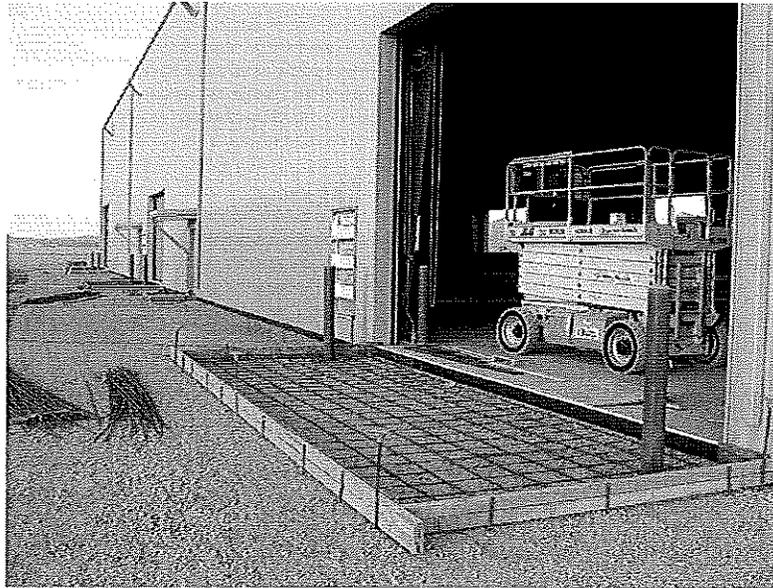
Site Compliance: No issues reported. A meeting was tentatively scheduled for next Tuesday to discuss the exploratory trenching plan for the cultural zone in Block 2. The kit fox buffer zone was increased from 75' to a 300' radius around the dens.

Items completed and working:

1. Site Preparation (K008): Sukut continued cut operations in the sedimentation pond and channel BC, with fill being placed in Block 8. Block 8 fill preparation continued and finish grade continued in Blocks 6 & 7.



2. MCI (K018): MCI poured the East side stoops at the Assembly Building with no issues. MCI began forming and placing rebar on the West side stoops. Interior electrical work continued and light fixture install began.



3. PSI (K007): Took concrete tests at the Assembly building and continued compaction testing in Unit 1.
4. Sukut (K010): Performed dust control on the main access road.
5. Largo (K013): Continued caisson location layout in Block 5. Layout is 80% complete in Block 5.
6. Blythe Power Constructors (K100): Held a kick-off meeting and had a site visit.
7. Trailer City: 8 of the 10 trailers for the main complex were installed. The last two trailers for the main complex were received this morning.

Personnel on Site-

Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 32
PSI Testing - 2
Terracon – 1
MC industrial – 8
AECOM - 6
Guardsmark – 3
Largo (K013) – 8
Williams Scotsman – 4
Blythe Power – 4
BATZ – 4
Sener – 2
The Holt Group - 2

Genesis Daily Site Report

November 30, 2011

Safety: No accidents, incidents (equipment damage/near miss) or injuries.

Met with Tom Turansky (BV Safety) onsite. No mentionable deficiencies were found.

PAR electric mobilized some equipment. All had proper PPE.

Sukut was off site today to attend their companies quarterly safety meeting.

Safety Topic of the Week: "Trenching Safety"

Weather Conditions: Sunny, Temp – High 77; Winds – SSW at 10 MPH

Site Compliance: The kit fox buffer zone was increased from 75' to a 300' radius around the dens yesterday. High visibility markings were installed around the newly expanded buffer zones.

Hazing activities have been suspended for the moment due to a potential virus in the area.

Items completed and working:

1. Site Preparation (K008): No mass grading today due to a scheduled, Sukut corporate safety meeting in Santa Ana. Operations will be at full-production the remainder of the week.
2. MCI (K018): MCI poured 2 stoops on the West side of the Assembly Building with no issues. Also stripped forms on East side from previous days pour. Interior electrical work and light fixture install continued.
3. PSI (K007): Took concrete samples at the Assembly Building.
4. Sukut (K010): Continued dust control activities on the main access road.
5. Largo (K013): Continued caisson location layout in Block 5. Layout is 90% complete in Block 5. Resumed elevation verification of the control points surrounding the project.



6. Blythe Power Constructors (K100): Mobilized some tools & equipment.
7. PAR: Mobilized some equipment & performed surveying for pole location layout.



8. Trailer City: Crews were waiting on materials. Will be back to work tomorrow.

Personnel on Site-

Genesis Team – 14
NAM - 4
Sukut (K010) – 3
Sukut (K008) - 32
PSI Testing - 1
Terracon – 1
MC Industrial – 10
AECOM - 6
Guardsmark – 3
Largo (K013) – 14
Williams Scotsman – 0
Blythe Power – 1
BATZ – 2
Sener – 0

Date: 11/21/2011
 By: Large Concrete

3-Week Look Ahead Schedule

Working

Location	Work Description	Date														Notes														
		11/14	11/15	11/16	11/17	11/18	11/19	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27		11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11
		M	T	W	TH	F	SA	S	M	T	W	TH	F	SA	S	M	T	W	TH	F	SA	S	M	T	W	TH	F	SA	S	
B10-05	Sort-up Batch Plant	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	X			X	X	X	X	X		
	Unload Bolts								X	X	X	X	X			X	X	X	X	X	X			X	X	X	X	X		
	Receive Rebar								X	X	X	X	X			X	X	X	X	X	X			X	X	X	X	X		
	Tie & Deliver Rebar								X	X	X	X	X			X	X	X	X	X	X			X	X	X	X	X		
	Fabricate Templates	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	X			X	X	X	X	X		
	Remove Test Calissons								X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
B10-06	Survey Calisson Locations	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
	Drill Calissons								X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
	Pour Calissons																													
	Haul Spoils																													
	As-Built Survey																													
B10-07	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													
B10-08	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													
B10-09	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													
B10-10	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													
B10-11	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													
B10-12	Survey Calisson Locations																													
	Drill Calissons																													
	Pour Calissons																													
	Haul Spoils																													

Possibly received 1st batch 12/5/11
 1st batch received 2nd batch in production

Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float
Project: Genesis Solar Energy Project 2X125MW 10-20-2011						
MCM00200	Made to Generate GEC Permit - Generator/Substation Tie In	721	24-Aug-10 A	01-Jul-13	0%	230
MCM00210	Made to Generate BLM Record of Decision - Generator/Substation Tie In	91	25-Oct-11*	26-Feb-12	0%	-22
MCM00220	Back Feed Power Agreement w/ Dlyne Energy, SCE & Generals	47	25-Oct-11*	28-Dec-11	0%	-22
MCM00230	Made to BLM & CEC Permits for Ring Back & Temp Back Feed Power Connections	0		25-Oct-11*	0%	-22
MCM00240	Crossing Agreement w/ Dlyne Energy	0		25-Oct-11*	0%	-22

WBS: 2.1.1. Solar

Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float
E1700140	SF1: MTOs IFB SF Juncn Box/Cable/Packing Girds Unit 1	229	18-Apr-11 A	20-Mar-12	10%	624
E1700155	SF1: MTOs IFB SF Conduit & Cable Tray Unit 1	15	18-Jul-11 A	24-Nov-11	10%	675
E1720500	SF1: Solar Field Fund & Logic Diagrams IFC	10	03-Nov-11	16-Nov-11	0%	699
E1720550	SF1: Cable Lay IFC	40	07-Nov-11	03-Jan-12	0%	-100
E1720580	SF1: Cable & Cable Trench Routing Dwg IFC	16	12-Sep-11 A	02-Dec-11	10%	699
E1720610	SF1: Cable & Cable Trench Routing Dwg IFC	05	18-Jul-11 A	02-Nov-11	10%	699
E1720680	SF1: Solar Field Sps P&IDs Update w/ Vndr Data IFC	20	13-Jun-11 A	27-Dec-11	50%	188
E1720710	HT1: HTF Sps I/O Lay IFC	20	26-Oct-11*	23-Nov-11	0%	10
E1720715	SF1: Solar Field Sps O&M Manual	20	07-Nov-11*	02-Dec-11	0%	104
E1724105	HT1: Sun Gen Sps - HTF Side P&IDs Update w/ Vndr Data IFC	20	10-Nov-11	09-Dec-11	0%	8
E1727100	HT1: Process Data HTF Chnl Vias IFC	10	26-Oct-11	09-Nov-11	0%	28
E1727140	HT1: Process Data Flow Inst IFC	10	17-Jun-11 A	25-Nov-11	10%	58
E3421205	HT2: HTF Exp Sps Line Lay IFC	5	17-Nov-11	23-Nov-11	0%	190
E2700140	SF2: MTOs IFB SF Juncn Box/Cable/Packing Girds Unit 2	15	18-Jul-11 A	07-Feb-12	0%	654
E270500	SF2: Solar Field Fund & Logic Diagrams IFC	40	07-Nov-11	03-Jan-12	0%	158
E270570	SF2: Cable & Cable Trench Routing Dwg IFC	32	18-Jul-11 A	13-Apr-12	0%	608
E2727310	HT2: HTF Sps I/O Lay IFC	20	13-Jun-11 A	04-Jun-12	50%	182
E2727315	SF2: Solar Field Sps P&IDs Update w/ Vndr Data IFC	20	26-Oct-11*	23-Nov-11	0%	10
E2721305	HT2: HTF Exp Sps P&IDs Update w/ Vndr Data IFC	20	26-Oct-11*	23-Nov-11	0%	28
E2724305	HT2: Sun Gen Sps - HTF Side P&IDs Update w/ Vndr Data IFC	20	18-Nov-11	19-Dec-11	0%	12
E2724305	HT2: Nitrogen Sps P&IDs Update w/ Vndr Data IFC	20	18-Nov-11	18-Dec-11	0%	12
E2727100	HT2: Process Data HTF Chnl Vias IFC	10	26-Oct-11	09-Nov-11	0%	38
E2727140	HT2: Process Data Flow Inst IFC	10	17-Jun-11 A	25-Nov-11	10%	66
E2220700	GEN: SCE Assembly Line Op/Prod Installation/Proc Bunch & Alignment Tech Bid Summ Preparation	7	27-Oct-11	07-Nov-11	0%	4
E2220830	GEN: SCE Assembly Vias Vendor Dos Rvw/Approv	20	26-Oct-11	23-Nov-11	0%	2
E2220850	GEN: Torqueubes Vendor Dos Rvw/Approv	30	26-Oct-11	09-Dec-11	0%	5
E2220880	GEN: Midd End/Synd Pyrene Vndr Dos Rvw/Approv	20	26-Oct-11	23-Nov-11	0%	10
E2220870	GEN: Dvr Pyrene Vendor Dos Rvw/Approv	20	26-Oct-11	23-Nov-11	0%	10
E2220915	GEN: Unins Fabr/Paint/Primed Vendor Dos Rvw/Approv	20	30-Sep-11 A	17-Nov-11	10%	4
E2220940	GEN: Hydric Equip Vndr Dos Rvw/Approv	15	28-Oct-11	18-Nov-11	0%	5
E2220950	GEN: Mgnite Sps Sps Vndr Dos Rvw/Approv	15	02-Nov-11	22-Nov-11	0%	-7
E2220960	GEN: Swwd Junc Vndr Dos Rvw/Approv	20	28-Oct-11	23-Nov-11	0%	8
E2220110	GEN: SCS-LOC Graph Screen Dsgn Criteria IFC	15	14-Nov-11	02-Dec-11	0%	63
E2700040	GEN: HTF Sps Chnl & On-off Vias Tech Descr	15	18-Apr-11 A	11-Nov-11	10%	54
E2700030	GEN: HTF Sps Sdwly/ Hndlr Vias Tech Descr	15	26-Oct-11	18-Nov-11	0%	-142

Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary

TASK filter: 3 Week Look Ahead
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Activity ID	Activity Name	Original Start	Finish	Practical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
EC700080	GEN: Radcar-Vpord LM Transm Tech Descr	15-11-Jul-11 A	08-Nov-11	50%	69								
EC700070	GEN: HTF Sps Press Transm & Diff Press Tech Descr	15-12-Sep-11 A	18-Nov-11	10%	71								
EC700250	GEN: HTF Sps Vortex Flowmeter Tech Descr	15-28-Oct-11	16-Nov-11	0%	67								
EC700260	GEN: Ultrasonic Flowmeter Tech Descr	15-28-Oct-11	16-Nov-11	0%	161								
EC700270	GEN: HTF Sps Temp Gauges Tech Descr	15-31-Aug-11 A	27-Oct-11	50%	22								
EC700280	GEN: HTF Sps Temp Transm & Thermowell Tech Descr	15-18-Jul-11 A	27-Oct-11	50%	65								
EC700305	GEN: Datasheets HTF Safety / Relief Vhs (Power Block) IPD	15-21-Nov-11	13-Dec-11	0%	31								
EC700370	GEN: Hydrocarbon Moisture Detector Tech Descr	15-13-Sep-11 A	18-Nov-11	10%	3								
EC700380	GEN: Industrial Station Tech Descr	15-16-Jun-11 A	28-Oct-11	50%	20								
EC700400	GEN: Datasheets HTF Rad-Vpord LM Transm IPD	8-13-Sep-11 A	08-Nov-11	10%	78								
EC700410	GEN: Datasheets HTF Rad-Vpord LM Transm IPD	15-18-Aug-11 A	04-Nov-11	10%	69								
EC700420	GEN: Datasheets HTF Press Gauge IPD	9-12-Sep-11 A	02-Nov-11	10%	80								
EC700430	GEN: Datasheets HTF Press & Diff Press Transm IPD	19-12-Sep-11 A	31-Oct-11	10%	71								
EC700670	GEN: HTF Sps Press Gauges Tech Descr	15-12-Sep-11 A	22-Nov-11	10%	89								
EC700680	GEN: HTF Sps Press Switches Tech Descr	15-12-Sep-11 A	23-Nov-11	10%	78								
EC700690	GEN: Check, Flurs Process Macros Logic Diagrams	15-18-May-11 A	20-Mar-12	10%	624								
EC700820	GEN: HTF Sps Press Switches Tech Descr	10-26-Oct-11	07-Nov-11	0%	42								
EC700830	GEN: Datasheets SF Manual Reg Vhs IPD	10-26-Aug-11 A	27-Oct-11	10%	54								
EC701000	GEN: Datasheets HTF Chtr / On-off Burity Vhs IPD	25-10-Nov-11	30-Nov-11	0%	891								
EC727110	GEN: Datasheets HTF Chtr / On-off Burity Vhs IPD	10-26-Aug-11 A	04-Nov-11	0%	28								
EC727120	GEN: Datasheets HTF Chtr / On-off Burity Vhs IPD	25-09-Aug-11 A	04-Nov-11	10%	-100								
EC727130	GEN: Salar Pld Sps Funct Descr IPD	25-22-Aug-11 A	08-Feb-12	10%	5								
EC900380	GEN: HTF Exp Sps Funct Descr IPD	25-16-Jun-11 A	11-Jan-12	50%	25								
EC900390	GEN: HTF Main Pmp Sps Funct Descr IPD	15-16-Jun-11 A	04-Nov-11	50%	56								
EC900410	GEN: Process Programs for HTF Equipment Training After Blackout IPD	15-28-Oct-11	18-Nov-11	0%	31								
EC900815	GEN: Process Data HTF Safety Vhs (Power Block) IPD	10-04-Nov-11	17-Nov-11	0%	-22								
EC921840	GEN: Process Data Oxidizer Trks (1, 2, & 3) IFC	10-04-Nov-11	17-Nov-11	0%	-22								
EC921850	GEN: Process Data HTF Exp Trk IFC	10-04-Nov-11	17-Nov-11	50%	8								
EC924170	GEN: Process Data HTF Vent Carbon Filter IPD	10-14-Nov-11	25-Nov-11	0%	-28								
EC925820	GEN: Process Data SGS-HTF Side PWSB Decding Vhs IFC	10-20-May-11 A	22-Nov-11	50%	707								
EC925880	GEN: Process Data HTF Basket Filters (Deaerator Press) IPD	10-04-Nov-11	17-Nov-11	0%	-22								
EC925881	GEN: Process Data Redundation Fish Tank IFC	10-08-Nov-11	22-Nov-11	0%	707								
EC925890	GEN: Process Data Flame Arrestors IFC	10-08-Nov-11	22-Nov-11	0%	707								
WBS: 2.2: Power Block		576-24-Aug-10 A	21-Jan-13	40%	405								
A1010	Power Block Unit 2 Engineering	325-25-Oct-11*	21-Jan-13	0%	405								
E1114160	14: Develop PV Exchgr Structural Steel (Unit 1&2) Fnd Dwggs IFR	10-16-Aug-11 A	16-Nov-11	0%	-9								
E1114170	14: Unit 1 CBO Review PV Exchgr Structural Steel Fnd DwggsFoundation	20-17-Nov-11	14-Dec-11	0%	-8								
E1117190	17: Unit 1 Structural Develop HTF Expand/Overlwr Trk Fnd Dwggs IFR	20-15-Aug-11 A	22-Dec-11	0%	39								
E1130040	23: Unit 1 Structural Issue Pileway HTF Exchgr Section Foundation Drawings IFR	10-02-May-11 A	08-Feb-12	0%	-38								
E1134100	24: Unit 1 Structural Develop PV Exchgr Structural Steel IFR	20-07-Nov-11	28-Nov-11	0%	-6								
E1214220	14: Unit 1 Structural Develop PV Exchgr Structural Steel IFR	20-18-Aug-11 A	16-Nov-11	0%	-8								
E1214230	14: Unit 1 CBO Review PV Exchgr Structural Steel	20-17-Nov-11	14-Dec-11	0%	60								

Actual Work Remaining Work Critical Remaining Work Milestone Summary

TASK: filter: 3 Week Look Ahead. Page 2 of 14

Activity ID	Activity Name	Original Start Duration	Finish	Physical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
E1727240	17: Unit 1 Structural Develop HTF Equip/Overlhw Tra Structural Steel (17) Dwyop IFR	20 15-Aug-11 A	15-Nov-11	0%	-29								
E127250	17: Unit 1 CBO Review HTF Equip/Overlhw Tra Structural Steel (17) Dwyop	20 16-Nov-11	13-Dec-11	0%	56								
E1230360	23: Unit 1 Structural Issue Piping/HTF Equip Section Structural Steel IFR	20 02-May-11 A	30-Nov-11	0%	-38								
E1234130	24: Unit 1 Structural Issue Piping/STG Section Structural Steel IFR	20 01-Sep-11 A	31-Oct-11	0%	-6								
E1234140	24: Unit 1 CBO Review Piping/STG Section Structural Steel Drawings	20 01-Nov-11	28-Nov-11	0%	67								
E1300010	GENL: Unit 1 Finalize P&ID Plan IFC	98 11-Apr-11 A	30-Nov-11	0%	105								
E1300030	GN: Mech Finalize Mechanical Equipment List IFC	120 11-Apr-11 A	04-Apr-12	0%	15								
E1301040	GENL: Unit 1 Stress Analysis of Steam Lines	40 25-Oct-11*	19-Dec-11	0%	7								
E1313010	12: Unit 1 HTF Energy Area East PDS Partition Development	40 27-Oct-11	21-Dec-11	0%	20								
E1312020	12: Unit 1 HTF Energy Train Onn Area PDS Equipment Model	100 07-Mar-11 A	28-Nov-11	0%	17								
E1310350	13: Unit 1 HTF Pump & Heatr Exchgr Area PDS Partition Development	40 17-Nov-11	11-Jan-12	0%	-57								
E1310380	13: Unit 1 HTF Pump & Heatr Exchgr Area PDS Partition Development	100 07-Mar-11 A	14-Dec-11	0%	-38								
E1314070	14: Unit 1 HTF PV Header & Dewaterer Area PDS Partition Development	20 27-Jun-11 A	07-Dec-11	0%	-38								
E1315050	15: Unit 1 HTF Exchgr Train Two Area PDS Equipment Model	100 07-Mar-11 A	03-Jan-12	0%	-9								
E1316070	16: Unit 1 HTF Ullage Area PDS Equipment Model	20 11-Jul-11 A	28-Nov-11	0%	-5								
E1317090	17: Unit 1 HTF Tank Area PDS Equipment Model	100 07-Mar-11 A	31-Oct-11	0%	-5								
E1318020	18: Unit 1 Chemical Solid Area PDS Equipment Model	100 07-Mar-11 A	05-Nov-12	0%	-53								
E132020	19: Unit 1 Closed Cooling Area PDS Equipment Model	100 07-Mar-11 A	25-Jun-12	0%	-10								
E133020	20: Unit 1 ACC Area PDS Equipment Model	100 07-Mar-11 A	27-Dec-11	0%	11								
E1331020	21: Unit 1 Waste Water Area PDS Equipment Model	100 07-Mar-11 A	24-Jun-12	0%	-9								
E1334060	24: Unit 1 Pipe Way PV Section Partition PDS Development	20 27-Jun-11 A	07-Dec-11	0%	-38								
E1600100	GENL: Unit 1 Electrical Develop AIG Power Drawings / Specs IFR	130 07-Nov-11	04-May-12	0%	89								
E1600110	GENL: Unit 1 Electrical Develop Area Classification Drawings	80 02-May-11 A	13-Feb-12	0%	78								
E1600120	GENL: Unit 1 Electrical Develop Lighting Drawings / Specs IFR	150 04-Apr-11 A	04-Nov-11	0%	188								
E1600150	GENL: Unit 1 Electrical Develop Cable Tray Drawings / Specs IFR	130 05-Sep-11 A	21-Mar-12	0%	67								
E1600160	GENL: Unit 1 Electrical Develop AIG Cable Solid	120 01-Aug-11 A	27-Jun-12	0%	34								
E1600300	GENL: Unit 1 Electrical Develop Single Lines	120 05-Jul-11 A	23-Dec-11	0%	140								
E1700305	00: P&ID Development	50 13-Jun-11 A	28-Nov-11	0%	705								
E1700325	00: Instrument Index	71 25-Oct-11	31-Jun-12	0%	89								
E1700805	00: Unit 1 Instrument Location Plans & Detail	150 25-Oct-11	21-May-12	0%	94								
E1700810	00: Unit 1 Analyzer Shelter Dwg's & Details	150 11-Jul-11 A	17-Feb-12	0%	103								
E1700815	00: Unit 1 Misc Dwg's	150 25-Oct-11	21-May-12	0%	117								
E1700820	00: Unit 1 Connection Diagrams	100 10-Nov-11*	28-Mar-12	0%	155								
E1700825	00: Unit 1 Panel / Junction Box / Mounting Rack Layout	100 10-Nov-11*	28-Mar-12	0%	155								
E1700830	00: Unit 1 Cable Schedules	20 31-Jan-11 A	28-Nov-11	0%	87								
E1700830	00: Unit 1 Cable Schedules	20 08-Nov-11*	06-Dec-11	0%	11								
E1700835	GENL: Unit 1 Piping Update P&ID's Steam / BFW Systems w/ Vindr Data IFC	20 09-Nov-11*	06-Dec-11	0%	11								
E1700835	GENL: Unit 1 Piping Update P&ID's Cooling Water Systems w/ Vindr Data IFC	20 09-Nov-11*	06-Dec-11	0%	11								

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

Genesis Construction

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TASK Filter: 3 Week Look Ahead

Activity ID	Activity Name	Original Start	Finish	Physical % Complete	Total Hours	2012					2013							
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
E1P00840	GENL: Unit 1 Piping Update P&ID's Air & Nitrogen Systems w/ Vitr Data IFC	20 08-Nov-11	06-Dec-11	0%	11													
E1P00850	GENL: Unit 1 Piping Update P&ID's Chemical Injection System w/ Vitr Data IFC	20 06-Nov-11	06-Dec-11	0%	11													
E1P00860	GENL: Unit 1 Piping Update P&ID's Steam Blowdown System w/ Vitr Data IFC	20 08-Nov-11	06-Dec-11	0%	11													
E2Z72364	GENL: Review 12 KV Detailed Drawings	5 11-Nov-11	17-Nov-11	0%	55													
E2Z72365	GENL: Review 12 KV Detailed Drawings	5 11-Nov-11	17-Nov-11	0%	55													
E2Z72366	GENL: Review 12 KV Detailed Drawings	5 11-Nov-11	17-Nov-11	0%	55													
E2Z72368	GENL: Review 12 KV Detailed Drawings	5 11-Nov-11	17-Nov-11	0%	55													
E2Z72369	GENL: Review 12 KV Detailed Drawings	5 11-Nov-11	17-Nov-11	0%	55													
E2Z72372	GENL: Develop Solar Field Direct Burial Cable (Unit 1) Drawings - IFC	00 09-Nov-11	28-Sep-12	0%	5													
E2Z72454	GENL: Develop Solar Field Direct Burial Cable (Unit 1) Drawings - IFC	00 09-Nov-11	28-Sep-12	0%	5													
E2Z72505	GENL: Engineer & Develop Plant Gas Line Material Take Off & Spec	20 27-Oct-11	28-Nov-11	0%	12													
E2Z72505	GENL: Engineer & Develop Plant Gas Line Material Take Off & Spec	20 01-Feb-11	30-Nov-11	0%	688													
E2Z72505	GENL: Engineer & Develop Gas Line Adjacent to Access Road	15 25-Oct-11	14-Nov-11	0%	715													
E2Z72505	GENL: Release SF UG ISO's - IFC	15 25-Oct-11	14-Nov-11	0%	715													
E2Z72505	GENL: Unit 1 Electrical Develop BOP Duct Bank Drawings - IFC	80 02-May-11	13-Feb-12	0%	7													
E2Z72505	GENL: Prepare Engr Package for Natural Gas Pipe Line (Along Side Access Rd)	5 26-Oct-11	31-Oct-11	0%	72													
EC100032	GENL: Structural Supervision	289 11-Oct-10	30-Mar-12	50%	21													
EC111090	11: CBO Review STG (Unit 1/2) Fnd Dwg's	20 01-Sep-11	31-Oct-11	0%	4													
EC111100	11: Finalize STG (Unit 1/2) Fnd Dwg's - IFC	5 01-Nov-11	07-Nov-11	0%	4													
EC112650	12/15: Structural Develop SSS (Unit 1/2) Fnd Dwg's - IFC	50 07-Nov-11	13-Jan-12	0%	25													
EC113270	13: Develop HTF Main Circ Pumps (Unit 1/2) Fnd Dwg's - IFC	40 28-Oct-11	22-Dec-11	0%	5													
EC114040	14: Develop Moisture Sep (Unit 1/2) Fnd Dwg's - IFC	20 22-Aug-11	26-Oct-11	0%	32													
EC114050	14: CBO Review Moisture Sep (Unit 1/2) Fnd Dwg's	20 27-Oct-11	23-Nov-11	0%	32													
EC119200	18: Develop BFW Pump (Unit 1/2) Fnd Dwg's - IFC	20 01-Sep-11	31-Oct-11	0%	29													
EC119215	18: CBO Review BFW Pump (Unit 1/2) Fnd Dwg's	20 01-Nov-11	28-Nov-11	0%	28													
EC130010	20: Develop ACC (Unit 1/2) Fnd Dwg's	40 12-Sep-11	04-Nov-11	0%	40													
EC130020	20: CBO Review ACC (Unit 1/2) Fnd Dwg's	20 07-Nov-11	02-Dec-11	0%	25													
EC130045	20: Review & Approve ACC (Unit 1/2) Fnd Dwg's	5 21-Nov-11	25-Nov-11	0%	25													
EC211050	11: Unit 1 CBO Review STG Area (Unit 1/2) P1 Firm Sheet Dwg's	15 01-Sep-11	31-Oct-11	0%	152													
EC211060	11: Finalize STG Area (Unit 1/2) P1 Firm Sheet Dwg's - IFC	5 01-Nov-11	07-Nov-11	0%	152													
EC400705	GENL: Mech Supervision	20 01-Dec-10	31-Jan-12	100%	95													
EC400900	18: Develop Spec/Mech Data Shooting Pkg for No Hydrch TR (Unit 1/2)	10 10-Nov-11	23-Nov-11	0%	0													
EC409250	00: Develop Mech Engr Pkg for Chem Inj Svm	10 19-Sep-11	27-Oct-11	0%	7													
EC413060	15: Develop Spec/Mech Data Shooting Pkg for Blwdwn Wtr Seal Priming Pump (Unit 1/2)	10 23-May-11	25-Oct-11	0%	17													
EC415090	15: Develop Spec/Mech Data Shooting Pkg for Blwdwn Wtr Seal Priming Pump (Unit 1/2)	15 02-Aug-11	25-Oct-11	0%	9													
EC418150	18: Develop Spec/Mech Data Shooting Pkg for Acid TK (Unit 1/2)	10 10-Nov-11	23-Nov-11	0%	0													
EC431110	21: Develop Spec/Mech Data Shooting Pkg for Oil Wtr Seal Priming Pump (Unit 1/2)	13 10-Aug-11	25-Oct-11	0%	42													
EC431110	21: Develop Spec/Mech Data Shooting Pkg for HTF / Wtr Separator Pkg (Unit 1/2)	5 28-Aug-11	25-Oct-11	0%	9													
EC500030	GENL: Pipe Develop Specs 1 Data Sheets 1 Eng Pkg for Butterfly Valves	10 28-Oct-11	10-Nov-11	0%	79													
EC500100	GENL: Pipe Develop Specs 1 Data Sheets 1 Eng Pkg for Valve Supports & Guides	40 27-Jun-11	31-Oct-11	0%	88													
EC500190	GN: 60% Model Review	5 02-Nov-11	08-Nov-11	0%	11													
EC502714	GENL: Pipe Supervision	20 01-Nov-10	30-Mar-12	100%	52													
EC600764	GENL: Electrical Supervision	20 01-Dec-10	30-Apr-12	100%	48													
EC612130	12: Develop Spec/Trch Pkg for Services Xmas (Unit 1/2)	15 15-Aug-11	25-Oct-11	0%	42													

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TRSK filer 3 Week Look Ahead

Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float	2012	2013
							Q4	Q1
EC701030	GENL: Develop Spec/Inst Database/Eng Pkg for Office Pile & Rebar Office (Unit 1/2)	10	25-Oct-11	07-Nov-11	0%	112		
EC701030	GENL: Develop Spec/Inst Database/Eng Pkg for Office Pile & Rebar Office (Unit 1/2)	10	05-Sep-11 A	26-Dec-11	0%	57		
EC701030	GENL: Develop Spec/Inst Database/Eng Pkg for Office Pile & Rebar Office (Unit 1/2)	20	01-Dec-10 A	31-May-12	100%	153		
EC701030	GENL: Develop Spec/Inst Database/Eng Pkg for Office Pile & Rebar Office (Unit 1/2)	10	03-Oct-11*	11-Nov-11	0%	69		
EC701030	GENL: Develop Spec/Inst Database/Eng Pkg for Office Pile & Rebar Office (Unit 1/2)	10	05-Sep-11 A	28-Oct-11	0%	88		
EC702020	GENL: Develop Spec/Inst Database/Eng Pkg for LV Xtrns & Switches (Unit 1/2)	10	14-Nov-11	25-Nov-11	0%	88		
EC712030	12: Develop I/O Database (Unit 1/2)	30	26-Oct-11	06-Dec-11	0%	-167		
EC722030	17: Develop Spec/Inst Database/Eng Pkg for HTF Vent Carbon Filter (Unit 1/2)	10	28-Oct-11*	10-Nov-11	0%	9		
EC722030	20: Develop Condensate Tr. Vacuum Pumps, Inlet Duct (Unit 1/2) Frd Dwgts - FR	55	07-Nov-11	20-Jun-12	0%	-40		
EC722030	12/15: Structural Develop SCS (Unit 1/2) Steel Dwgts - FR	50	07-Nov-11	13-Jun-12	0%	150		
EC722030	GENL: Develop Eng Pkg for SF Main Regulation/VV (Unit 1/2)	5	07-Nov-11	11-Nov-11	0%	-57		
EC722030	11: CSO Review STG Lube Oil/Pipal Form/Assess Equip (Unit 1/2) Frd Dwgts - FR	50	06-Jun-11 A	02-Nov-11	100%	2		
EC722030	19: Match Develop Spec / Data Sheets Eng Pkg for Closed Loop Cooling Plate Exchgr (Unit 1/2)	5	08-Aug-11 A	02-Nov-11	100%	-78		
EC722030	GENL: Develop Spec/Inst Database/Eng Pkg for PA Pressure Safety Relief Vlv (Unit 1/2)	20	26-Oct-11	22-Nov-11	0%	21		
EC722030	GENL: Develop Eng Pkg for Meteorological Stations	6	07-Nov-11	11-Nov-11*	0%	172		
EC722030	12: Develop Spec/Inst Database/Eng Pkg for UPS & DC System (Unit 1/2)	10	31-Oct-11	11-Nov-11*	0%	501		
EC722030	12: Develop Spec/Inst Database/Eng Pkg for SF, Panels & MV Switches (Unit 1/2)	10	26-Oct-11	07-Nov-11*	0%	505		
EC722030	12: Develop Spec/Inst Database/Eng Pkg for SF, Panels & MV Switches (Unit 1/2)	10	10-Oct-11 A	28-Oct-11	0%	514		
EC722030	GENL: Process Update Water Treatment Scheme w/ water data data - FRD	10	29-Aug-11 A	28-Oct-11	0%	-33		
EC722030	GENL: Process Supervision	289	24-Aug-10 A	26-Oct-11	50%	130		
EC722030	GENL: Develop Process Database for Pressure Safety Relief Vlv (Unit 1/2)	10	01-Sep-11 A	25-Oct-11	0%	-143		
EC722030	GENL: Develop Process Database for Office Pile & Rebar Office (Unit 1/2)	16	01-Sep-11 A	25-Oct-11	0%	112		
EC722030	18: Develop Process Data Sheets for the Hypochl Tr (Unit 1/2)	10	27-Oct-11	03-Nov-11*	0%	0		
EC722030	18: Develop Process Data Sheets for Acid Tr (Unit 1/2)	10	27-Oct-11*	03-Nov-11	0%	0		
EC722030	06: Develop Process Requirements for Tank Silencers	10	14-Nov-11*	25-Nov-11	0%	53		
EC722030	18: Develop Process Performance Spec for Waste Vlv Pkg Equip	10	06-Jun-11 A	28-Oct-11	0%	4		
WBS: 2.3, Common Area/EOP		230	24-Aug-10 A	18-Apr-12		30		
EC272745	GENL: Review Solar Field Pile Design / Spec per Test Results	10	01-Nov-11	14-Nov-11	0%	-17		
EC272745	GENL: CSO Expedited Review/Approve Revised Pile Design	5	15-Nov-11	21-Nov-11	0%	4		
EC2000001	GENL: Civil Supervision	289	24-Aug-10 A	28-Oct-11	50%	130		
EC401005	WT: Develop Spec/Inst Database/Eng Pkg for Oil / HTF / Wtr Seal Pumping Pump	20	01-Sep-11 A	18-Apr-12	0%	39		
EC401005	WT: Develop Spec/Inst Database/Eng Pkg for Reverse Osmosis Pkg Equipment	15	27-Oct-11	03-Nov-11	0%	9		
EC401005	WT: Water Treatment Pkg Equipment Model	100	07-Nov-11 A	15-Feb-12	1%	-28		
EC722702	WT: Develop Spec/Inst Database/Eng Pkg for Potable Water Pretreatment Pkg Equipment	15	27-Oct-11	16-Nov-11	0%	-33		
EC722703	WT: Develop Spec/Inst Database/Eng Pkg for Raw Water Pretreatment Pkg Equipment	10	05-Oct-11 A	25-Oct-11	0%	4		
EC722703	WT: Develop Spec/Inst Database/Eng Pkg for Raw Water Pretreatment Pkg Equipment	10	05-Oct-11 A	25-Oct-11	0%	-55		
EC722703	WT: Develop Spec/Inst Database/Eng Pkg for Raw Water Pretreatment Pkg Equipment	20	21-Nov-11	16-Dec-11*	0%	3		
EC722703	WT: Develop Spec/Inst Database/Eng Pkg for Raw Water Pretreatment Pkg Equipment	10	21-Nov-11	02-Dec-11	0%	3		
EC722703	WT: Mechanical Develop Eng Pkg for Waste Vlv Trmt	15	27-Oct-11	16-Nov-11	0%	4		

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Activity ID	Activity Name	Original Start	Finish	Practical % Complete	Total Hours	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
EC-P00835	WT: Update P&ID's Raw Water System Issue FRD	80 28-Feb-11 A	16-Jun-12	0%	52									
EC-P00870	WT: Update P&ID's RO & Domin Issue FRD	60 28-Feb-11 A	16-Jun-12	0%	52									
EC-P00880	WT: Update P&ID's Waste Water/Recuperation System Issue FRD	60 28-Feb-11 A	16-Jun-12	30%	52									
EC-P01200	WT: Develop Process Performance Spec for Reverse Osmosis Pkg Equipment	10 12-Sep-11 A	26-Oct-11*	0%	-28									
EC-P05241	WT: Develop Process Performance Spec for Raw Water Pretreatment Pkg Equipment	10 12-Sep-11 A	26-Oct-11*	0%	-28									
EC-P05243	WT: Develop Process Performance Spec for Potable Water Pretreatment Pkg Equipment	10 12-Sep-11 A	26-Oct-11*	0%	-28									
WBS: 3. PROCUREMENT & LOGISTIC SERVICES														
WBS: 3.1. Major Equipment														
P1220350	GE1: Mirror Fab & Delivery - Unit 1	220 20-Dec-10 A	05-Oct-12	10%	4									
P1220360	GE1: HCE Trubo Fab & Delivery - Unit 1	282 17-Nov-11	14-Dec-12	0%	-8									
P1220340	GEN: Stamped Elements Fab & Delivery - Unit 1	200 09-Aug-11 A	06-Jun-12	0%	2									
P1402070	20: Fab ACC (Unit 1) Equipment/Make	488 06-Sep-10 A	06-Aug-12	0%	-5									
P141010	11: Fab & Deliver STG LPHF/Generator/Electromisc (Unit 1)	488 06-Sep-10 A	06-Aug-12	0%	-5									
P141015	11: Fab & Deliver STG (Unit 1) Sole Plate	307 22-Aug-11 A	12-Jul-12	0%	71									
P1412350	10: Fab & Deliver Escp & Steam Drum (Unit 1)	306 02-Aug-11 A	22-Jul-12	0%	5									
P1413210	13: Fab & Deliver HTF Main Pumps (Unit 1)	245 22-Jul-11 A	12-Jul-12	0%	24									
P1414165	14: Fab & Deliver Feedwater Heater (Unit 1)	220 22-Aug-11 A	15-Jun-12	0%	33									
P1417120	17: Fab & Deliver HTF Eqp Val (Unit 1)	220 22-Aug-11 A	12-Jul-12	0%	-18									
P1417140	17: Fab & Deliver HTF Oil/Wal (Unit 1)	290 23-May-11 A	05-Jul-12	0%	32									
P1419200	18: Fab & Deliver BRW Pump (Unit 1)	265 19-Sep-11 A	22-Oct-12	0%	6									
P1710280	12: Fab & Deliver DCS/SCS Controllers & IMAI (Unit 1)	222 26-Oct-11	30-Aug-12	0%	21									
P2402690	20: Fab ACC (Unit 2) Equipment/Make	488 06-Sep-10 A	06-Aug-12	0%	248									
P2411030	11: Fab & Deliver STG LPHF/Generator/Electromisc (Unit 2)	488 06-Sep-10 A	06-Aug-12	0%	128									
P2411035	11: Fab & Deliver STG (Unit 2) Sole Plate	488 06-Sep-10 A	06-Aug-12	0%	128									
P2412370	12: Fab & Deliver Escp & Steam Drum (Unit 2)	300 02-Aug-11 A	10-Oct-12	0%	257									
P2413280	13: Fab & Deliver HTF Main Pumps (Unit 2)	245 22-Jul-11 A	12-Jul-12	0%	244									
P2414235	14: Fab & Deliver Feedwater Heater (Unit 2)	220 22-Aug-11 A	27-Aug-12	0%	314									
P2417150	17: Fab & Deliver HTF Eqp Val (Unit 2)	373 23-May-11 A	18-Feb-13	0%	246									
P2419210	18: Fab & Deliver BRW Pump (Unit 2)	265 19-Sep-11 A	22-Oct-12	0%	48									
P2611090	11: Fab & Deliver of GSU Xmas (Unit 2)	439 28-Oct-11	01-Jul-13	0%	267									
P2710280	12: Fab & Deliver DCS/SCS Controllers & IMAI (Unit 2)	195 26-Oct-11	24-Jul-12	0%	48									
P2728285	12: Fab & Deliver IO Cabinets for PB Electronics Room (Unit 1)	357 28-Oct-11	07-Feb-13	0%	352									
P2728286	12: Fab & Deliver IO Cabinets for PB Electronics Room (Unit 2)	270 22-Aug-11 A	06-Mar-13	0%	194									
P2728287	12: Fab & Deliver IO Cabinets for PB Electronics Room (Unit 1)	307 22-Aug-11 A	11-Sep-12	0%	18									
P2728288	12: Fab & Deliver IO Cabinets for PB Electronics Room (Unit 2)	270 22-Aug-11 A	06-Mar-13	0%	194									
P2728336	12: Fab & Deliver Reheater (Unit 1)	307 22-Aug-11 A	11-Sep-12	0%	18									
P2728337	12: Fab & Deliver Reheater (Unit 2)	270 22-Aug-11 A	06-Mar-13	0%	194									
P2728376	12: Fab & Deliver Economizer & Super Heater (Unit 1)	307 22-Aug-11 A	19-Jul-12	0%	21									
P2728377	12: Fab & Deliver Economizer & Super Heater (Unit 2)	270 22-Aug-11 A	06-Mar-13	0%	194									
P2820315	GEN: Stamped Elements Trial Stamps & Adjusts	50 22-Aug-11 A	30-Nov-11	10%	-13									
P2820320	GEN: Stamped Elements Trial Stamps & Adjusts	10 26-Oct-11*	08-Nov-11	0%	-7									
P2820320	GEN: Stamped Elements Supplier Jigs Approval	5 10-Nov-11	18-Nov-11	0%	-8									

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Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float	C4	C1	C2	C3	C4	C1	C2	C3
PC220410	GEN: S004 - Dry Pyrolysis Shop Work	50	22-Aug-11 A	30-Nov-11	10%	-18								
PC220510	GEN: S005 - Metal EndShield Pyrolysis Shop Work	50	22-Aug-11 A	30-Nov-11	10%	-18								
PC401110	WT: Prop & Issue RFO for Waste Wr Pad Equip	10	17-Nov-11	30-Nov-11	0%	4								
PC401200	WT: Prop & Issue RFO for Fluorene Generator Pkg Equipment	5	17-Nov-11	29-Nov-11	0%	-28								
PC412470	12/15: NEE Execute PO for SGS Unit 1/2	5	22-Aug-11 A	25-Oct-11	0%	-195								
PC412480	12/15: Vendor Provide Final Lead Data for SGS Unit 1/2	5	22-Aug-11 A	04-Nov-11	0%	-23								
PC412490	12/15: Vendor Provide Connection Data for SGS Unit 1/2	5	22-Aug-11 A	09-Nov-11	0%	-38								
PC413070	13: Vendor Provide Connection Data for HTR Main Pumps (Unit 1/2)	5	02-Aug-11 A	27-Oct-11	0%	-9								
PC413070	13: Vendor Provide Connection Data for HTR Main Pumps (Unit 1/2)	50	02-Aug-11 A	09-Nov-11	0%	-22								
PC417410	17: Vendor Provide Final Lead Data for Shop Feds HTR Val (Exp & Oriflv)	40	22-Aug-11 A	01-Nov-11	0%	-29								
PC430070	20: Vendor Provide Connection Data for ACS (Unit 1/2)	120	08-Aug-11 A	15-Feb-12	0%	15								
PC431050	11: Vendor Provide Final Lead Data for GSU Xims (Unit 1/2)	30	19-Sep-11 A	29-Nov-11	0%	-11								
PC431050	11: Vendor Provide Electrical Connection Data for GSU Xims (Unit 1/2)	50	19-Sep-11 A	29-Oct-11	0%	132								
PC431060	11: Vendor Provide Final Lead Data for GSU Xims (Unit 1/2)	20	26-Oct-11	22-Nov-11	0%	-123								
PC431060	12: Vendor Provide Vendor Data (Cabinet Steel) for DCS Layout (Unit 1/2)	5	22-Aug-11 A	25-Oct-11	0%	-187								
PC712170	12: NEE Execute PO for LOCS / DCS (Unit 1/2)	10	17-Nov-11	30-Nov-11	0%	-33								
PC727699	WT: Prop & Issue RFO for Potable Water Treatment Pkg Equipment	6	17-Nov-11	30-Nov-11	0%	4								
PC727699	WT: Prop & Issue RFO for Raw Water Treatment Pkg Equipment	5	17-Nov-11	23-Nov-11	0%	23								
PC728528	13: Vendor Provide Connection Data for HTR Main Pumps MOTOR (Unit 1/2)	50	02-Aug-11 A	01-Nov-11	0%	-37								
PC728528	20: Provide Final Lead Data for Condensate Trk Vacuum Spn, Inlet Duct (Unit 1/2)	20	09-Aug-11 A	01-Nov-11	0%	-64								
PC728538	GEN: S003A - Torquehub Vendor Shop Work	64	27-Oct-11	24-Jan-12	0%	664								
PC728578	GEN: S003A - Torquehub Vendor Shop Work	4	05-Sep-11 A	28-Oct-11	50%	665								
PC728598	GEN: S005A - Metal EndShield Pyrolysis Shop Work	63	27-Oct-11	22-Jan-12	0%	665								
PC728608	GEN: S005A - Metal EndShield Pyrolysis Shop Work	5	05-Sep-11 A	28-Oct-11	50%	665								
PC728628	GEN: S004A - Dry Pyrolysis Shop Work	63	27-Oct-11	22-Jan-12	0%	665								
PC728638	GEN: S004A - Dry Pyrolysis Shop Work	5	28-Oct-11*	02-Nov-11	0%	38								
PCC00790	GEN: Heat Transfer Fluid RFO	20	03-Nov-11	30-Nov-11	0%	38								
PCC00800	GEN: Heat Transfer Fluid Bid Period	394	09-Apr-11 A	17-Oct-12	47%	473								
WSS 3.2: Other Equipment & Metals		110	27-Oct-11	02-Apr-12	0%	-16								
P1220180	GEN: S004 - Dry Pyrolysis Shop Work - Unit 1	220	16-Sep-11 A	21-Aug-12	10%	11								
P1220345	GEN: Unit Mtg/Refr/Paint Fedr & Delivery - Unit 1	132	08-Sep-11 A	13-Apr-12	10%	8								
P1220355	GEN: Unit Mtg/Refr/Paint Fedr Delivery to Dry Pyrolysis Shop - Unit 1	0	02-Nov-11	17-Nov-11	0%	-4								
P1220400	GEN: S004 - Dry Pyrolysis Shop Work - Unit 1	110	02-Nov-11	02-Apr-12	0%	-9								
P1220510	GEN: Hydric Equip Fabrication & Delivery - Unit 1	132	19-Sep-11 A	28-Apr-12	10%	2								
P1220620	GEN: Unit Mtg/Refr/Paint Fedr Delivery to Dry Pyrolysis Shop - Unit 1	0	18-Nov-11	05-Apr-12	0%	-5								
P1220910	GEN: Unit Mtg/Refr/Paint Fedr Delivery to Dry Pyrolysis Shop - Unit 1	132	27-Oct-11	02-May-12	0%	-21								
P1220985	GEN: HCE Sppt Access Fabrication & Delivery - Unit 1	240	27-Oct-11	28-Sep-12	0%	-7								
P1413230	13: Fedr & Delivior HTR Fuel Freeze Pumps (Unit 1)	130	11-Jul-11 A	22-Feb-12	0%	100								
P1414080	14: Fedr & Delivior Moisture Saps (Unit 1)	240	11-Nov-11	11-Oct-12	0%	-18								
P1418220	15: Fedr & Delivior HTR Oilwr TK Pumps (Unit 1)	150	14-Nov-11	08-Jun-12	0%	-43								
P1418075	16: Fedr & Delivior Aux Boiler (Unit 1)	100	03-Nov-11	28-Mar-12	0%	152								
P1418110	16: Fedr & Delivior Trsr Air Reg (Unit 1)	100	03-Nov-11	28-Mar-12	0%	152								

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Activity ID	Activity Name	Original Duration	Start	Finish	Physical Complete	Total Float	2012			2013			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
P1419220	18: Fab & Deliver W/SAC (Unit 1)	180	02-Nov-11	11-Jul-12	0%	23							
P1419260	18: Fab & Deliver C/W Pump (Unit 1)	150	08-Nov-11	04-Jun-12	0%	102							
P1430210	20: Fab & Deliver Condensate Pumps (Unit 1)	200	02-Nov-11	07-Aug-12	0%	61							
P1431860	25: Fab & Deliver Deserator (Unit 1)	240	11-Jul-11 A	25-Mar-12	0%	145							
P1500860	GN: Fab and Deliver CS/SS/BV Shop Valves (Unit 1)	30	07-Nov-11	18-Dec-11	0%	147							
P1500920	GN: Fab and Deliver U/G Fire Water Piping (Unit 1)	20	16-Nov-11	13-Dec-11	0%	41							
P1501140	GN: Fab and Deliver U/G Fire Water Piping (Unit 1)	15	04-Nov-11	24-Nov-11	0%	54							
P1501160	GN: Fab and Deliver Hydrants, Monitors & PI Valves (Unit 1)	60	16-Nov-11	07-Feb-12	0%	186							
P1502020	GN: Fab and Deliver (HTT) 22" & Larger OD Pipe & Fittings (Unit 1)	125	08-Nov-11	30-Apr-12	0%	45							
P1511030	11: Fab & Deliver Generator Circuit Breaker (Unit 1)	150	18-Sep-11 A	14-May-12	0%	171							
P1511535	11: Fab and Deliver of Isolated Phase Bus Duct (Unit 1)	195	08-Nov-11	05-Aug-12	0%	146							
P1518140	18: Fab & Deliver Diesel Generator (Unit 1)	130	04-Nov-11	03-May-12	0%	119							
P1720600	GEN: Solar Rd Temp Stern Fabrication & Delivery - Unit 1	110	27-Oct-11	02-Apr-12	0%	9							
P1720730	GEN: Mgmt SPP Stern Fabrication & Delivery - Unit 1	110	08-Sep-11 A	16-Mar-12	10%	4							
P2413270	13: Fab & Deliver HTF Acid Freeze Pumps (Unit 2)	240	27-Oct-11	28-Sep-12	0%	302							
P2414070	14: Fab & Deliver HTF Oil/TK Pumps (Unit 2)	130	11-Jul-11 A	17-Oct-12	0%	348							
P2415250	15: Fab & Deliver HTF Oil/TK Pumps (Unit 2)	240	11-Nov-11	11-Oct-12	0%	301							
P2418985	18: Fab & Deliver Aux Boiler (Unit 2)	150	14-Nov-11	08-Jun-12	0%	501							
P2419130	19: Fab & Deliver Hair Air Pkg (Unit 2)	100	08-Nov-11	28-Mar-12	0%	475							
P2419280	19: Fab & Deliver W/SAC (Unit 2)	180	03-Nov-11	11-Jul-12	0%	393							
P2430220	20: Fab & Deliver Condensate Pumps (Unit 2)	190	08-Nov-11	04-Jun-12	0%	425							
P2431860	25: Fab & Deliver Deserator (Unit 2)	200	02-Nov-11	07-Aug-12	0%	519							
P2611545	11: Fab and Deliver of Isolated Phase Bus Duct (Unit 2)	240	11-Jul-11 A	17-Oct-12	0%	468							
P2618160	18: Fab & Deliver Diesel Generator (Unit 2)	128	08-Nov-11	30-Apr-12	0%	523							
P2727746	GN: Fab and Deliver HTF Burner Valves - All Sizes (Unit 1)	130	04-Nov-11	03-May-12	0%	522							
P2727766	GN: Fab and Deliver BW HTF Valves Ball Check/Bellow Seal (Unit 1)	150	25-Oct-11	21-May-12	0%	30							
P2727786	18: Fab & Deliver Ullage Pumps (Unit 1)	80	16-Nov-11	05-Mar-12	0%	58							
P2727796	18: Fab & Deliver Ullage Pumps (Unit 2)	80	04-Nov-11	23-Feb-12	0%	109							
P2727856	16: Fab & Deliver Ullage Vls (Unit 1)	80	04-Nov-11	23-Feb-12	0%	577							
P2727856	16: Fab & Deliver Ullage Vls (Unit 2)	80	09-Nov-11	31-Jun-12	0%	126							
P2728356	18: Fab & Deliver Shop Fab Coaling Tower (Unit 1)	180	21-Nov-11	27-Jul-12	0%	51							
P2728398	18: Fab & Deliver Shop Fab Coaling Tower (Unit 2)	180	21-Nov-11	27-Jul-12	0%	341							
P2728606	11: Fab & Deliver Steam Duct Drains TK (Unit 1)	130	25-Oct-11	28-Apr-12	0%	162							
P2728616	11: Fab & Deliver Steam Duct Drains TK (Unit 2)	130	25-Oct-11	28-Apr-12	0%	500							
PO100040	GENL: NEE Excavate PO for Rebar	4	02-Sep-11 A	26-Oct-11	0%	14							
PO200070	GENL: Eval/Reconf / Issue PO to NEE for Structural Steel	30	01-Sep-11 A	08-Nov-11	0%	56							
PO200080	GENL: NEE Excavate PO for Structural Steel	5	09-Nov-11	15-Nov-11	0%	56							
PO200085	GENL: SCE Assembly Jig/Scaffolding & Turning Service Fab & Delivery	50	18-Jul-11 A	07-Dec-11	10%	-7							
PO220075	GENL: SWM Set In/End Signs Bid Summ Progress/Rev & Apprv by NEE	5	28-Oct-11	01-Nov-11	0%	-12							
PO220075	GENL: Ceramic Tapes Bid Summ Progress/Rev & Apprv by NEE	20	28-Jul-11 A	25-Oct-11	85%	-12							
PO220075	GENL: Ceramic Tapes Bid Summ Progress/Rev & Apprv by NEE	95	12-Sep-11 A	30-Nov-11	10%	51							

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Activity ID	Activity Name	Original Start	Finish	Physical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
PC2202840	GEN: Warm PO Progress/Award	5 08-Sep-11 A	26-Oct-11	50%	-18								
PC2203000	GEN: Lck Bld PO Progress/Award	5 08-Sep-11 A	26-Oct-11	50%	-18								
PC2203680	GEN: HCE Spnd Access PO Progress/Award	5 08-Sep-11 A	26-Oct-11	50%	-23								
PC4000990	GEN: Eval / Record / Issue PO to NEE for Shop Fab Vess (Unit 1/2)	35 30-Aug-11 A	03-Nov-11	0%	-25								
PC4002800	00: Prep & Issue RFQ for Chem Inj Syem Pkg Equipment	10 28-Oct-11	10-Nov-11	0%	-7								
PC4003955	00: Bidding Period for Chem Inj Syem Pkg Equipment	20 11-Nov-11	08-Dec-11	0%	-7								
PC4011770	WT: Prep & Issue RFQ for Oil / HTF / WT Sol Prtnng Pump	10 10-Nov-11	23-Nov-11	0%	9								
PC4011800	WT: Prep & Issue RFQ for Oil / WT Separator Pkg	5 08-Sep-11 A	25-Oct-11	0%	25								
PC401250	WT: Eval & Deliver Firewater Pump House Pkg	31 15-Sep-11 A	24-Oct-12	0%	117								
PC4013860	WT: Eval / Record / Issue PO to NEE for Firewater Pump House Pkg	5 31-Oct-11	04-Nov-11	0%	67								
PC4013970	WT: NEE Execute PO for Firewater Pump House Pkg	5 31-Oct-11	04-Nov-11	0%	67								
PC4013980	WT: Vendor Provide Connection Data for Firewater Pump House Pkg	5 07-Nov-11	23-Dec-11	0%	77								
PC4013990	WT: Vendor Provide Connection Data for Firewater Pump House Pkg	5 07-Nov-11	13-Jan-12	0%	67								
PC401685	WT: Bidding Period for Oil / WT Separator Pkg	20 26-Oct-11	22-Nov-11	0%	25								
PC413180	13: NEE Execute PO for HTF Airt Freeze Pumps (Unit 1/2)	35 13-Jul-11 A	26-Oct-11	0%	-35								
PC413170	13: NEE Execute PO for HTF Airt Freeze Pumps (Unit 1/2)	0 27-Oct-11	27-Oct-11	0%	-35								
PC413180	13: Vendor Provide Connection Data for HTF Airt Freeze Pumps (Unit 1/2)	19 27-Oct-11	22-Nov-11	0%	-35								
PC413190	13: Vendor Provide Connection Data for HTF Airt Freeze Pumps (Unit 1/2)	33 27-Oct-11	12-Dec-11	0%	-35								
PC413270	15: Prep & Issue RFQ for HTF Steam Heater (Unit 1/2)	5 25-Oct-11	31-Oct-11	0%	-17								
PC413280	15: Bidding Period for HTF Steam Heater (Unit 1/2)	20 01-Nov-11	29-Nov-11	0%	-17								
PC41510	15: Eval / Record / Issue PO to NEE for HTF Oxilw TK Pumps (Unit 1/2)	5 13-Jul-11 A	03-Nov-11	0%	-53								
PC415100	15: NEE Execute PO for HTF Oxilw TK Pumps (Unit 1/2)	33 13-Jul-11 A	28-Oct-11	0%	-68								
PC415110	15: NEE Execute PO for HTF Oxilw TK Pumps (Unit 1/2)	5 04-Nov-11	10-Nov-11	0%	-53								
PC415120	15: Vendor Provide Find Load Data for HTF Oxilw TK Pumps (Unit 1/2)	30 11-Nov-11	22-Dec-11	0%	-23								
PC415130	15: Vendor Provide Connection Data for HTF Oxilw TK Pumps (Unit 1/2)	40 11-Nov-11	05-Jan-12	0%	-53								
PC415260	15: Prep & Issue RFQ for Blckwn Wtr Sulf Prtnng Pump (Unit 1/2)	5 28-Oct-11	01-Nov-11	0%	-9								
PC417300	17: Bidding Period for Nitrogen Sild (Unit 1/2)	20 02-Nov-11	28-Nov-11	0%	-9								
PC417360	17: Eval / Record / Issue PO to NEE for Nitrogen Sild (Unit 1/2) Bids	20 14-Sep-11 A	25-Oct-11	0%	-41								
PC418120	18: Eval / Record / Issue PO to NEE for Aux Boiler (Unit 1/2) Bids	35 24-Jun-11 A	04-Nov-11	0%	-35								
PC418130	18: NEE Execute PO for Aux Boiler (Unit 1/2)	5 07-Nov-11	11-Nov-11	0%	-35								
PC418140	18: Vendor Provide Find Load Data for Aux Boiler (Unit 1/2)	33 14-Nov-11	30-Dec-11	0%	-35								
PC418150	18: Vendor Provide Connection Data for Aux Boiler (Unit 1/2)	50 14-Nov-11	20-Jan-12	0%	-2								
PC418100	18: Eval / Record / Issue PO to NEE for WSAC (Unit 1/2) ON-HOLD	35 20-Jul-11 A	26-Oct-11	0%	-18								
PC419110	18: NEE Execute PO for WSAC (Unit 1/2)	5 27-Oct-11	02-Nov-11	0%	-18								
PC419120	18: Vendor Provide Find Load Data for WSAC (Unit 1/2)	25 03-Nov-11	07-Dec-11	0%	-18								
PC419130	18: Vendor Provide Connection Data for WSAC (Unit 1/2)	50 03-Nov-11	11-Jan-12	0%	-10								
PC419140	18: Eval / Record / Issue PO to NEE for heat Air Pkg (Unit 1/2)	35 27-Jun-11 A	31-Oct-11	0%	-16								
PC419155	18: NEE Execute PO for heat Air Pkg (Unit 1/2)	5 01-Nov-11	07-Nov-11	0%	-16								
PC419305	18: Vendor Provide Connection Data from Air Pkg (Unit 1/2)	20 08-Nov-11	05-Dec-11	0%	-16								
PC419305	18: Vendor Provide Connection Data from Air Pkg (Unit 1/2)	40 08-Nov-11	02-Jan-12	0%	7								
PC419310	19: Eval / Record / Issue PO to NEE for COW Pumps (Unit 1/2) Vendor	40 20-Jul-11 A	31-Oct-11	0%	-31								

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Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
PC418920	18: NEE Execute PO for GCW Pumps (Unit 1/2)	5	01-Nov-11	07-Nov-11	0%	-31								
PC419330	19: Vendor Provide Find Lead Data for GCW Pumps (Unit 1/2)	35	08-Nov-11	26-Dec-11	0%	-31								
PC419340	19: Vendor Provide Connection Data for GCW Pumps (Unit 1/2)	50	09-Nov-11	16-Jan-12	0%	57								
PC430210	20: Eval / Record / Issue PO to NEE for Condensate Pumps (Unit 1/2)	56	01-Jul-11 A	25-Oct-11	0%	-18								
PC430220	20: NEE Execute PO for Condensate Pumps (Unit 1/2)	5	26-Oct-11	01-Nov-11	0%	-18								
PC430230	20: Vendor Provide Find Lead Data for Condensate Pumps (Unit 1/2)	25	02-Nov-11	08-Dec-11	0%	-18								
PC430240	20: Vendor Provide Connection Data for Condensate Pumps (Unit 1/2)	30	02-Nov-11	13-Dec-11	0%	11								
PC431120	21: Prep & Issue RFQ for Oil Wtr Soil Priming Pump (Unit 1/2)	5	26-Oct-11	01-Nov-11	0%	-9								
PC431180	21: Prep & Issue RFQ for HTF / Wtr Separator Pkg (Unit 1/2)	20	02-Nov-11	28-Nov-11	0%	-9								
PC431470	21: Bidding Period for Oil Wtr Soil Priming Pump (Unit 1/2)	20	02-Nov-11	28-Nov-11	0%	-9								
PC431630	21: Bidding Period for HTF / Wtr Separator Pkg (Unit 1/2)	20	02-Nov-11	28-Nov-11	0%	-9								
PC435530	25: Vendor Provide Connection Data for Deaerator Pump (Unit 1/2)	50	11-Jul-11 A	28-Oct-11	0%	-9								
PC500040	GN: Eval / Record / Issue PO to NEE for C/S/S/B/W Shop Valves	32	02-Sep-11 A	28-Oct-11	0%	126								
PC500050	GN: NEE Execute PO for C/S/S/B/W Shop Valves	5	31-Oct-11	04-Nov-11	0%	147								
PC500060	GENL: Prep & Issue RFQ for Buttery Valves	5	11-Nov-11	17-Nov-11	0%	78								
PC500070	GN: Bidding Period for Buttery Valves	15	18-Nov-11	08-Dec-11	0%	78								
PC500120	GN: Eval / Record / Issue PO to NEE for Field Installed Valves	33	31-Aug-11 A	28-Oct-11	0%	107								
PC500160	GN: Eval / Record / Issue PO to NEE for U/G Bulk Piping	31	07-Sep-11 A	08-Nov-11	0%	41								
PC500170	GN: NEE Execute PO for U/G Bulk Piping	5	03-Nov-11	15-Nov-11	0%	41								
PC500200	GN: Eval / Record / Issue PO to NEE for U/G Fire Water Piping	25	14-Sep-11 A	27-Oct-11	0%	54								
PC500210	GN: NEE Execute PO for U/G Fire Water Piping	5	28-Oct-11	02-Nov-11	0%	54								
PC500240	GN: Eval / Record / Issue PO to NEE for Hydrants, Monitors & PI Valves	25	07-Sep-11 A	08-Nov-11	0%	168								
PC500250	GN: NEE Execute PO for Hydrants, Monitors & PI Valves	5	08-Nov-11	15-Nov-11	0%	168								
PC500340	GENL: Prep & Issue RFQ for Misc Supports & Guides	5	01-Nov-11	07-Nov-11	0%	88								
PC500350	GN: Bidding Period for Misc Supports & Guides	5	08-Nov-11	14-Nov-11	0%	88								
PC500360	GN: Eval / Record / Issue PO to NEE for Misc Supports & Guides	10	15-Nov-11	28-Nov-11	0%	88								
PC500380	GENL: Prep & Issue RFQ for Engineered Pipe Hangers	5	18-Sep-11 A	25-Oct-11	0%	101								
PC500390	GN: Bidding Period for Engineered Pipe Hangers	5	25-Oct-11	31-Oct-11	0%	101								
PC500400	GN: Eval / Record / Issue PO to NEE for Engineered Pipe Hangers	10	01-Nov-11	14-Nov-11	0%	101								
PC500410	GN: NEE Execute PO for Award PO for Engineered Pipe Hangers	5	15-Nov-11	21-Nov-11	0%	101								
PC500460	GENL: Prep & Issue Bid Pkg for Shop Fabricated Pipe	5	14-Sep-11 A	25-Oct-11	0%	24								
PC500470	GN: Bidding Period for Shop Fabricated Pipe	13	25-Oct-11	10-Nov-11	0%	24								
PC500490	GN: Eval / Record / Issue PO to NEE for Shop Fabricated Pipe	32	11-Nov-11	26-Dec-11	0%	24								
PC500560	GN: Eval / Record / Issue PO to NEE for (HTF) 2" & Larger OD Pipe & Filings	30	05-Aug-11 A	31-Oct-11	0%	45								
PC500570	GN: NEE Execute PO for (HTF) 2" & Larger OD Pipe & Filings	5	01-Nov-11	07-Nov-11	0%	45								
PC520705	GENL: S/W/eval Set Protob Bid Period	6	08-Aug-11 A	27-Oct-11	50%	17								
PC520715	GEN: S/W/eval Set Protob Bid Period	22	28-Oct-11	28-Nov-11	0%	17								
PC520730	00: Bidding Period for YFDs	20	09-Sep-11 A	26-Oct-11	0%	17								
PC520740	00: Eval / Record / Issue PO to NEE for YFDs (Unit 1/2)	32	25-Oct-11	07-Dec-11	0%	17								
PC511055	11: P/ab and Deliver Metering & Current Xtrm	160	17-Nov-11	27-Jun-12	0%	533								
PC511110	11: Vendor Provide Find Lead Data for Generator Circuit Breaker (Unit 1/2)	50	18-Sep-11 A	28-Dec-11	0%	39								
PC511120	11: Vendor Provide Elec Connection Data for Generator Circuit Breaker (Unit 1/2)	20	18-Sep-11 A	14-Nov-11	0%	192								

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Activity ID	Activity Name	Original Duration	Start	Finish	Progress % Complete	Total Float	2012			2013		
							Q4	Q1	Q2	Q1	Q2	Q3
PC611185	11: NEE Execute PO for Isolated Phase Bus Duct (Unit 1/2)	5	01-Nov-11	07-Nov-11	0%	146						
PC611200	11: Building Period for Switchyard & 230 kV Line	20	30-Aug-11 A	25-Oct-11	0%	96						
PC611240	11: Eval / Record / Issue Subcontract to NEE for Substation & 230 kV Line	7	25-Oct-11	02-Nov-11	0%	88						
PC611250	11: NEE Execute Subcontract for Switchyard & 230 kV Line	10	03-Nov-11	16-Nov-11	0%	98						
PC611250	11: Subcontract Provide Detailed Drawings/Specs for Substation & 230 kV Line	100	17-Jun-11 A	04-Apr-12	0%	98						
PC611475	11: Eval / Record / Issue PO to NEE for Isolated Phase Bus Duct (Unit 1/2)	10	13-Jun-11 A	31-Oct-11	0%	146						
PC611829	11: Fab and Deliver Critical Breakers & Disconnect Switches	100	17-Nov-11	04-Apr-12	0%	613						
PC611829	11: Fab and Deliver T-Poles, Dead End Structures, & 230 kV Line	80	17-Nov-11	07-Mar-12	0%	109						
PC612100	12: Bidding Period for PDC (Unit 1/2)	20	08-Sep-11 A	25-Oct-11	0%	-18						
PC612110	12: Eval / Record / Issue PO to NEE for PDC (Unit 1/2)	30	25-Oct-11	07-Dec-11	0%	-68						
PC612170	12: Prep & Issue RFP for Unit Aux Xrms (Unit 1/2)	10	19-Sep-11 A	25-Oct-11	0%	-68						
PC612190	12: Eval / Record / Issue PO to NEE for Unit Aux Xrms (Unit 1/2)	15	25-Oct-11	14-Nov-11	0%	-68						
PC612190	12: Bidding Period for Unit Aux Xrms (Unit 1/2)	30	15-Nov-11	26-Dec-11	0%	-68						
PC612290	12: Prep & Issue RFP for Station Service Xrms (Unit 1/2)	10	26-Oct-11	08-Nov-11	0%	-62						
PC612330	12: Bidding Period for Station Service Xrms (Unit 1/2)	20	08-Nov-11	08-Dec-11	0%	-62						
PC612630	18: Eval / Record / Issue PO to NEE for Diesel Generator (Unit 1/2)	30	25-Jul-11 A	27-Oct-11	0%	49						
PC613000	18: NEE Execute PO for Diesel Generator (Unit 1/2)	5	26-Oct-11	03-Nov-11	0%	49						
PC613010	18: Vendor Provide Find Load Data for Diesel Generator (Unit 1/2)	20	04-Nov-11	01-Dec-11	0%	144						
PC613330	18: Vendor Provide Connection Data for Diesel Generator (Unit 1/2)	40	04-Nov-11	29-Dec-11	0%	74						
PC6130270	GENL: Eval / Record / Issue PO to NEE for Chit Vw (Unit 1/2)	30	20-Sep-11 A	02-Nov-11	0%	30						
PC6130270	GENL: Eval / Record / Issue PO to NEE for Motor Operated Vw (Unit 1/2)	20	02-Sep-11 A	25-Oct-11	0%	128						
PC6130600	GENL: Bidding Period for Venturi Meter (Unit 1/2)	31	25-Oct-11	06-Dec-11	0%	128						
PC6130610	GENL: Eval / Record / Issue PO to NEE for Venturi Meter (Unit 1/2)	5	14-Nov-11	18-Nov-11	0%	98						
PC6130740	GENL: Bidding Period for Bi-Metal Thermometers & Thermowells (Unit 1/2)	20	21-Nov-11	18-Dec-11	0%	108						
PC6130860	GENL: Prep & Issue RFP for Temp Elements w/ Thermowells (Unit 1/2)	5	31-Oct-11	04-Nov-11	0%	108						
PC6130860	GENL: Bidding Period for Temp Elements w/ Thermowells (Unit 1/2)	20	07-Nov-11	02-Dec-11	0%	108						
PC611380	11: Eval / Record / Issue PO to NEE for ST Bypass Vw (Unit 1/2)	35	25-Jul-11 A	03-Nov-11	0%	-6						
PC611390	11: NEE Execute PO for ST Bypass Vw (Unit 1/2)	5	04-Nov-11	10-Nov-11	0%	-6						
PC611400	11: Vendor Provide Drawings/Specs ST Bypass Vw (Unit 1/2)	50	11-Nov-11	19-Jan-12	0%	-6						
PC6127580	GENL: Solar Fld Temp Elem PO Prep/Issue/Award	2	08-Sep-11 A	26-Oct-11	0%	-9						
PC6127588	GN: Eval / Record / Issue PO to NEE for 8V HTF Valves Ball Check/Bellow Seal	5	19-Sep-11 A	25-Oct-11	0%	30						
PC6127588	GN: NEE Execute PO for 8V HTF Valves Ball Check/Bellow Seal	30	16-Aug-11 A	08-Nov-11	0%	-58						
PC6127928	16: Eval / Record / Issue PO to NEE for Ullage Pumps (Unit 1/2)	5	08-Nov-11	15-Nov-11	0%	-36						
PC6127928	16: NEE Execute PO for Ullage Pumps (Unit 1/2)	35	12-Aug-11 A	27-Oct-11	0%	-36						
PC6127949	16: Vendor Provide Find Load Data for Ullage Pumps (Unit 1/2)	5	29-Oct-11	03-Nov-11	0%	-36						
PC6127956	16: Vendor Provide Connection Data for Ullage Pumps (Unit 1/2)	35	04-Nov-11	22-Dec-11	0%	41						
PC6128008	GENL: NEE Execute PO for Anchor Bolts	50	04-Nov-11	12-Jan-12	0%	-39						
PC6128018	GENL: Fab & Deliver Anchor Bolts	2	23-Aug-11 A	25-Oct-11	0%	-6						
PC6128046	18: Eval / Record / Issue PO to NEE for Ullage Vw (Unit 1/2)	35	30-Aug-11 A	03-Nov-11	0%	-39						
PC6128058	18: NEE Execute PO for Ullage Vw (Unit 1/2)	3	04-Nov-11	09-Nov-11	0%	-39						

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Activity ID	Activity Name	Original Start	Original Duration	Finish	Physical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
PC728068	18. Vendor Provide Find Load Data for Ulaga Vts (Unit 1/2)	20 09-Nov-11		06-Dec-11	0%	23								
PC728078	16. Vendor Provide Connection Data Ulaga Via (Unit 1/2)	40 08-Nov-11		09-Jun-12	0%	26								
PC728088	16. Bidding Period for Ulaga Coolers (Unit 1/2)	10 02-Sep-11 A		25-Oct-11	0%	48								
PC728098	18. Eval / Record / Issue PO to NEE for Ulaga Coolers (Unit 1/2)	35 25-Sep-11 A		12-Dec-11	0%	48								
PC728108	GENL. Eval / Record / Issue PO to NEE for OS Shop Fab Atmospheric TR (Unit 1/2)	35 31-Aug-11 A		31-Oct-11	0%	56								
PC728118	GENL. NEE Execute PO for OS Shop Fab Atmospheric Tr	5 01-Nov-11		07-Nov-11	0%	56								
PC728128	17. Prep & Issue RFQ for Sidesteam Filter (Unit 1/2)	10 21-Sep-11 A		25-Oct-11	0%	18								
PC728138	17. Bidding Period for Sidesteam Filter (Unit 1/2)	15 25-Oct-11		14-Nov-11	0%	18								
PC728148	17. Eval / Record / Issue PO to NEE for Sidesteam Filter (Unit 1/2) Bids	30 15-Nov-11		26-Dec-11	0%	18								
PC728248	17. Prep & Issue RFQ for HTF Vent Carbon Filter (Unit 1/2)	10 11-Nov-11*		24-Nov-11	0%	9								
PC728418	WT. Bidding Period for General Service Pumps	20 08-Sep-11 A		25-Oct-11	0%	4								
PC728428	WT. Eval / Record / Issue PO to NEE for General Service Pumps	30 25-Oct-11		05-Dec-11	0%	4								
PC728438	WT. Prep & Issue RFQ for HTF 20' & Smaller OD Pipe & Fittings	5 26-Sep-11 A		25-Oct-11	0%	25								
PC728448	WT. Eval / Record / Issue PO to NEE for HTF 20' & Smaller OD Pipe & Fittings	15 26-Oct-11		06-Nov-11	0%	25								
PC728458	WT. Bidding Period for SF Main Regulation Vlv (Unit 1/2)	5 14-Nov-11		18-Nov-11	0%	57								
PC728468	WT. Eval / Record / Issue PO to NEE for SF Main Regulation Vlv (Unit 1/2)	15 16-Nov-11		06-Dec-11	0%	57								
PC728478	WT. Bidding Period for Shop Fab Cooling Tower (Unit 1/2)	20 21-Nov-11		16-Dec-11	0%	57								
PC728488	WT. Eval / Record / Issue PO to NEE for Shop Fab Cooling Tower (Unit 1/2) ON HOLD	20 30-Sep-11 A		25-Oct-11	0%	25								
PC728498	19. NEE Execute PO for Shop Fab Cooling Tower (Unit 1/2)	14 25-Oct-11		11-Nov-11	0%	25								
PC728508	19. Vendor Provide Find Load Data for Shop Fab Cooling Tower (Unit 1/2)	5 14-Nov-11		18-Nov-11	0%	25								
PC728518	19. Vendor Provide Connection Data for Shop Fab Cooling Tower (Unit 1/2)	20 21-Nov-11		16-Dec-11	0%	28								
PC728528	19. Prep & Issue RFQ for Closed Loop Cooling Plate Exchgr (Unit 1/2)	5 03-Nov-11		08-Nov-11	0%	78								
PC728538	19. Bidding Period for Closed Loop Cooling Plate Exchgr (Unit 1/2)	20 10-Nov-11		07-Dec-11	0%	78								
PC728548	19. Eval / Record / Issue PO to NEE for Shop Fab FRP	10 05-Oct-11 A		25-Oct-11	0%	14								
PC728558	19. Bidding Period for Shop Fab FRP	15 25-Oct-11		14-Nov-11	0%	14								
PC728568	19. Eval / Record / Issue PO to NEE for Shop Fab FRP	32 15-Nov-11		28-Dec-11	0%	14								
PC728578	19. Bidding Period for Shop Fab FRP	20 08-Nov-11 A		01-Dec-11	0%	116								
PC728588	19. Eval / Record / Issue PO to NEE for Shop Fab FRP	5 04-Oct-11 A		25-Oct-11	0%	116								
PC728598	19. Bidding Period for Pneumatic Actuated On-Off Valves (Unit 1/2)	20 28-Oct-11		22-Nov-11	0%	116								
PC728608	19. Eval / Record / Issue PO to NEE for Pneumatic Actuated On-Off Valves (Unit 1/2)	5 17-Nov-11		23-Nov-11	0%	95								
PC728618	19. Bidding Period for Meteorological Stations	5 14-Nov-11		18-Nov-11	0%	172								
PC728628	19. Eval / Record / Issue PO to NEE for Meteorological Stations	15 21-Nov-11		09-Dec-11	0%	172								
PC728638	12. Bidding Period for Station S.F. UPS (Unit 1/2)	20 11-Oct-11 A		25-Oct-11	0%	544								
PC728648	12. Eval / Record / Issue PO to NEE for Station S.F. UPS (Unit 1/2)	30 28-Oct-11		06-Dec-11	0%	544								
PC728658	12. Bidding Period for Station Transformer Relay Panels (Unit 1/2)	10 14-Nov-11		25-Nov-11	0%	501								
PC728668	12. Eval / Record / Issue PO to NEE for Station Transformer Relay Panels (Unit 1/2)	10 03-Oct-11 A		25-Oct-11	0%	523								
PC728678	12. Bidding Period for Station S.F. Panels & M.V. Switches (Unit 1/2)	20 25-Oct-11		21-Nov-11	0%	505								
PC728688	12. Eval / Record / Issue PO to NEE for Station S.F. Panels & M.V. Switches (Unit 1/2)	10 08-Nov-11		21-Nov-11	0%	505								
PC728698	12. Bidding Period for Station S.F. Padmount Transformers (Unit 1/2)	10 28-Oct-11		08-Nov-11	0%	514								
PC728708	12. Eval / Record / Issue PO to NEE for Station S.F. Padmount Transformers (Unit 1/2)	20 08-Nov-11		08-Dec-11	0%	514								
PC728718	12. Bidding Period for Station S.F. Padmount Transformers (Unit 1/2)	12 15-Aug-11 A		14-May-12	0%	550								

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 Summary



TASK #1073 3 Week Look Ahead

Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Total Float	OC	O1	O2	O3	O4	O1	O2	O3
P2811125	11: Fab & Deliver Generator Circuit Breaker (Unit 2)	150	18-Sep-11 A	14-Nov-12	0%	550								
PC103010	00: Bidding Period for PB Concrete Work / Duct Bank	0	26-Oct-11	26-Oct-11	0%	-5								
PC104020	00: Prep & Issue RFP for Concrete Work & Duct Bank	5	19-Sep-11 A	25-Oct-11	0%	-5								
PC104030	00: Eval / Record / Issue Subcontract to NEE for PB Concrete Work & Duct Bank	10	26-Oct-11	08-Nov-11	0%	-5								
PC104040	00: NEE Execute Subcontract for PB Concrete Work & Duct Bank	10	09-Nov-11	22-Nov-11	0%	-5								
PC111010	11: Vendor Detail STG (Unit 1/2) Rebar Drags	20	08-Nov-11	05-Dec-11	0%	4								
PC130010	20: Vendor Detail ACC (Unit 1/2) Rebar Drags	10	07-Nov-11	18-Nov-11	0%	25								
PC211020	11: Vendor Detail STG Pt. From Unit 1/2, Steel Drags	20	16-Nov-11	13-Dec-11	0%	140								
PC25G110	GEN: SCE Assembly Line Op/Rfd Install/Python Erect & Alignm Bid Period	21	15-Aug-11 A	28-Oct-11	50%	-5								
PC25G120	GEN: SCE Assembly Line Op/Rfd Install/Python Erect & Alignm Comm Bid Summ Preparation	7	31-Oct-11	08-Nov-11	0%	-4								
PC25G140	GEN: SCE Assembly Line Op/Rfd Install/Python Erect & Alignm Award	3	10-Nov-11	14-Nov-11	0%	-4								
PC25G145	GEN: SCE Assembly Line Op/Rfd Install/Python Erect & Alignm Contract Award	3	15-Nov-11	17-Nov-11	0%	-4								
PC25G150	GEN: SCE Assembly Line Op/Rfd Install/Python Erect & Alignm Contract Award	18	18-Nov-11	15-Dec-11	0%	-4								
PC25G290	GEN: HCE Tubes Pre/ab/Rfd Install & Swg Rfd Install RFP Issue	22	15-Aug-11 A	04-Nov-11	10%	6								
PC303075	GEN: Bidding Period for 2 Electrical Bids Subcontractor	20	07-Nov-11	02-Dec-11	0%	6								
PC400300	GEN: Eval / Record / Issue Subcontract to NEE for Field Fabricated Tanks	15	09-Oct-11 A	23-Nov-11	5%	50								
PC400300	GEN: Eval / Record / Issue Subcontract to NEE for Field Fabricated Tanks	20	07-Sep-11 A	27-Oct-11	0%	-29								
PC400300	GEN: Eval / Record / Issue Subcontract to NEE for Field Fabricated Tanks	50	08-Nov-11	18-Jan-12	0%	121								
PC400300	GEN: Eval / Record / Issue Subcontract to NEE for Field Fabricated Tanks	15	02-Sep-11 A	25-Oct-11	0%	24								
PC400305	GEN: Bidding Period for U/G Piping	20	25-Oct-11	21-Nov-11	0%	24								
PC400315	GEN: Mobilize 12 KV Line EPC Subcontractor	10	31-Oct-11*	11-Nov-11	0%	24								
PC400324	GEN: EPC Subcontractor Provide 12 KV Detailed Drags	15	05-Sep-11 A	10-Nov-11	0%	20								
PC400325	GEN: Eval / Record / Issue Subcontract to NEE for U/G Piping Subcontractor	40	18-Nov-11	12-Jan-12	0%	55								
PC400326	GEN: Eval / Record / Issue Subcontract to NEE for U/G Piping Subcontractor	18	23-Aug-11 A	25-Oct-11	0%	9								
PC400327	GEN: Bidding Period for Direct Burial Cable	20	25-Oct-11	21-Nov-11	0%	9								
PC400328	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	33	16-Aug-11 A	25-Oct-11	0%	-17								
PC400329	GEN: NEE Execute PO for Direct Burial Cable	5	28-Oct-11	01-Nov-11	0%	-17								
PC400330	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	60	02-Nov-11	24-Jan-12	0%	-17								
PC400331	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	40	05-Sep-11 A	01-Dec-11	0%	50								
PC400332	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	20	28-Aug-11 A	27-Oct-11	0%	-16								
PC400333	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	5	25-Oct-11	31-Oct-11	0%	-17								
PC400334	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	1	15-Nov-11	15-Nov-11	0%	-17								
PC400335	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	5	18-Nov-11	22-Nov-11	0%	-17								
PC400336	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	5	01-Nov-11	07-Nov-11	0%	72								
PC400337	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	15	08-Nov-11	28-Nov-11	0%	72								
PC400338	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	3	28-Oct-11	28-Oct-11	0%	-55								
PC400339	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	10	31-Oct-11	11-Nov-11	0%	-55								
PC400340	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	15	14-Nov-11	02-Dec-11	0%	-55								
PC400341	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	148	05-Aug-11 A	13-Jul-12	0%	541								
PC400342	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	148	05-Aug-11 A	13-Jul-12	0%	541								
PC400343	GEN: Eval / Record / Issue Subcontract to NEE for Direct Burial Cable	5	25-Oct-11	31-Oct-11	0%	231								

Actual Work
 Remaining Work
 Critical Remaining Work
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Activity ID	Activity Name	Original Start	Finish	Physical % Complete	Total Float	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
C1800005-0	WT: Assemble / Test PDC On Common Area	10-01-Nov-11	14-Nov-11	0%	231								
CC0000110	GENL: Install Diverter Channel (Unit 1)	10-11-Oct-11	15-Jul-12	5%	5								
CC0000255	GENL: Kit Fox Relocation Complete	0	28-Oct-11*	0%	730								
CC0000290	GENL: Trailer City Procurement	30-05-Aug-11 A	07-Nov-11	80%	14								
CC0000310	GENL: Trailer City Permits	02-05-Aug-11 A	07-Nov-11	50%	-4								
CC0000320	GENL: Trailer City Building Inspections	05-10-Nov-11	07-Mar-12*	0%	-6								
CC0000330	GENL: Trailer City Development	11-08-Sep-11 A	29-Feb-12	10%	-6								
CC0000340	GENL: Trailer Deliveries	8-11-Nov-11*	22-Nov-11	0%	14								
CC0000350	GENL: Form / Pour / Cure Assembly Bldg Fnd	20-15-Aug-11 A	25-Oct-11	90%	18								
CC0000290	GENL: Install Sliding & Roofing - Dry In Complete	25-30-Sep-11 A	28-Nov-11	50%	-1								
CC0000290	GENL: Install Electrical	30-17-Oct-11 A	05-Dec-11	10%	-1								
WS5: 4.2: Solar Field		130-20-Sep-11 A	28-May-12		455								
C10000045	GENL: Clear & Grade Block 5	30-11-Oct-11 A	15-Dec-11	90%	-33								
C10000065	GENL: Rough Grade Solar Field (Unit 1)	118-12-Oct-11 A	28-May-12	5%	-45								
C21141119	GENL: Complete Clearing & Grading (Unit 1)	90-20-Sep-11 A	24-Feb-12	10%	2								

Actual Work
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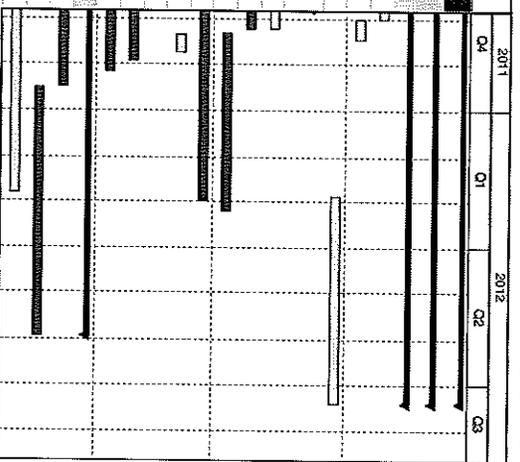


Activity ID	Activity Name	Original Duration	Start	Finish	Physical % Complete	Escaped Finish	Updated % Complete	Total Float	GM Team Notes
Project: Genesis Solar Energy Project 2X125MW 10-20-2011									
WBS: 4: CONSTRUCTION									
WBS: 4.1: Common									
C1600005-D	WTS&I / Inval Water Treatment Area PDCOA (Common Area)	146	05-Aug-11 A	13-Jul-12	28-Sep-11	28-Sep-11	541		
C1600005-D	WTS Assemble / Test PDC OA Common Area	146	05-Aug-11 A	13-Jul-12	28-Sep-11	28-Sep-11	541		
CC000110	GENL: Install Diversion Channels (Unit 1)	10	01-Nov-11	14-Nov-11	0%		231	231	Open Ended Activity need to add Prod..
CC000755	GENL: K&E Fox Relocation Complete	0	11-Oct-11 A	13-Jul-12	5%		5		
CC000900	GENL: Trailer City Procurement	50	05-Aug-11 A	07-Nov-11	80%		14		730 Monitoring Continues, as the grader moves to an area, does the survey and compact
CC000910	GENL: Trailer City Permits	52	05-Aug-11 A	07-Nov-11	50%		4		
CC000920	GENL: Trailer City Building Inspections	95	10-Nov-11	07-Mar-12*	0%		-6		
CC000930	GENL: Trailer City Development	115	08-Sep-11 A	29-Feb-12	10%		-6		
CC000940	GENL: Trailer Calverde	8	11-Nov-11*	22-Nov-11	0%		14		
CC100620	GENL: Farm / Pour / Cure Assembly Bldg Rd	20	15-Aug-11 A	25-Oct-11	90%	29-Sep-11	19		
CC000290	GENL: Inval Siding & Roofing - Dry In Complete	20	15-Aug-11 A	25-Oct-11	90%	29-Sep-11	19		
CC000290	GENL: Inval Electrical	30	17-Oct-11 A	05-Dec-11	10%		-1		
C1000045	GENL: Clear & Grade Block 5	130	20-Sep-11 A	29-May-12			-95		
C1000065	GENL: Rough Grado Solar Field (Unit 1)	90	11-Oct-11 A	15-Dec-11	80%		-85		
C2114119	GENL: Complete Clearing & Grading (Unit 1)	118	12-Oct-11 A	29-May-12	5%		-85		
		90	20-Sep-11 A	24-Feb-12	10%		2		

Actual Work
 Remaining Work
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TASK: Items: 3 Week Look Ahead, Construction Activities



CALIFORNIA ENERGY COMMISSION

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SACRAMENTO, CA 95814-5512
www.energy.ca.gov



November 2, 2011

Mr. Ron Johnson
Director of Construction and Engineering
NextEra Energy Resources, LLC
700 Universe Blvd.
Juno Beach, FL 33408

**Re: Genesis Solar Energy Project (09-AFC-8C), Riverside County, California
Condition of Certification BIO-17, Desert Kit Fox and American Badger**

Dear Mr. Johnson:

The Genesis Solar Energy Project (GSEP or project) is a 250-megawatt (MW) solar electric generating facility using solar parabolic trough technology that was licensed by the California Energy Commission (Energy Commission) on October 12, 2010. The Energy Commission's license for the project contains 27 Biological Resources conditions of certification that ensure mitigation of the project's impacts to sensitive species and their habitat to less than significant levels. The purpose of this letter is to discuss the on-going monitoring of desert kit fox (*Vulpes macrotis*) dens that has taken place since February 2011 in accordance with Condition of Certification BIO-17, the status of kit fox dens within the project site's temporary desert tortoise fencing, and the course of action for active kit fox dens still remaining within the site during construction activities.

On January 3, 2011, NextEra Energy began performing pre-construction surveys for desert kit fox (February 5, 2011 Memorandum - Genesis Solar Energy Project, BIO-9 and BIO-17 - Desert Tortoise, Desert Kit Fox, and American Badger Clearance Surveys – Phase I) in accordance with BIO-17 during which 14 dens, both satellite and natal, were found within the GSEP plant site and along the access road. Since January 2011, the project's Designated Biologist and various approved Biological Monitors have monitored the status of these dens and the occurrence of other dens found in the site during the course of various site preparation activities (i.e. site mowing and clearing, unexploded ordnance surveys, etc). Methods of monitoring primarily consisted of daily den checks and remote camera photography. The Designated Biologist, Energy Commission staff, field staff from the California Department of Fish and Game (CDFG) and United States Bureau of Land Management (BLM), and various NextEra Energy personnel have remained in regular contact on the status of dens and which impact avoidance measures to implement in order to ensure compliance with BIO-17 during the various stages of site preparation activities. Conference calls between NextEra Energy, the Designated Biologists (Peggy Goette and Thomas Darden), Energy Commission staff (Amy Golden, Chris Davis, and Eric Veerkamp), and CDFG (Magdalena Rodriguez) have taken place on April 13, May 18, June 13, July 2, September 2, and October 12, 2011.

The CDFG expressed concern over passively relocating young juveniles out of their natal dens prior to the juveniles being capable of foraging and surviving on their own, which was

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taken into consideration in the development of den protection measures and passive hazing techniques. Passive hazing techniques implemented since April 2011 to encourage passive relocation of kit fox outside of the project's temporary desert tortoise fencing in order to allow GSEP site preparation activities to take place included the following:

- removing the primary sources of food and cover through on-site mowing which was required as part of unexploded ordnance surveys;
- the installation of temporary ramps over tortoise fencing to encourage crossing; and
- the use of coyote urine, a primary kit fox predator, around burrow entrances and the use of a wooden lathe in the burrow entrance center to discourage use of the burrow (these two techniques were only used on non-natal, satellite dens).

Den protection measures implemented with these passive hazing techniques included the following:

- leaving a 500-foot wide vegetated buffer around each den;
- leaving a 500-foot wide vegetated corridor from each den to the desert tortoise fencing to encourage movement;
- on-going monitoring through remote camera photography stations; and
- daily visits to the dens to check their status and document kit fox sign.

After ten months of monitoring, three active dens (Dens #5, 8, and 17) remain within the GSEP's temporary desert tortoise fencing. Based on the monitoring results, ongoing collaboration for the project, and strong site fidelity that desert kit fox have shown for the site's dens, Energy Commission staff, CDFG and BLM field staff, and the Designated Biologist are in agreement that in the best interest of the kit fox population at the GSEP site and surrounding area, a more aggressive approach to passively relocating the kit fox that occupy the remaining dens be implemented.

Based on a project conference call held on October 12, 2011, and a memorandum from the project's Designated Biologist (dated October 13, 2011 – GSEP Designated Biologist Kit Fox Burrow Excavation Proposal), there is a recommendation that burrows that are determined inactive at Den #8 (which currently consists of 15 burrows, 12 of which show signs of regular use) be excavated. This work would be supervised by the Designated Biologist with at least one additional approved Biological Monitor and two additional laborers. Excavation of inactive burrows would not begin until air temperatures have cooled to daytime highs of 85 to 89 °F to reduce the potential for heat stress to relocated animals and is tentatively planned for November 2, 2011. First, burrows at Den #8 will be investigated with an underground viewing device (peeper scope) to determine unoccupancy. Once confirmed unoccupied, the

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burrow would be dug down to the bottom using hand tools and then back-filled by hand to discourage re-occupancy. Burrow excavation would occur during cooler hours of the day, preferably from 0600 to 0900 hours. For Den #8, the Designated Biologist estimated that four burrows could be excavated at one time and that it would likely take three to four days to fully excavate Den #8. To further discourage re-occupancy and to optimize effectiveness of this approach, the timing of burrow excavation will be as close to site grading in the area of Den #8 as possible, preferably within 24 hours. Following den excavation, an approved Biological Monitor must be present within the vicinity of Den #8 to monitor for kit fox activity during construction and grading activities, in the event that a kit fox has re-occupied the area surrounding Den #8. This action is in the best interest of the desert kit fox population in the project area, as confirmed by the CDFG, BLM, and the Designated Biologist.

The above strategy to excavate inactive burrows of a den not vacated for three consecutive days is a violation of BIO-17 in the project's Final Decision. However, because of the threat to the desert kit fox and the circumstances set forth above, Energy Commission staff does not object to the strategy and will not file a complaint against the project owner. Depending on the results and effectiveness of this passive relocation approach, the Energy Commission staff will consult with CDFG and BLM and either suggest similar methods or modify these passive relocation methods for the two remaining kit fox dens (Dens 5 and 17) or any other kit fox den that may be identified throughout the course of site grading. In the event that BIO-17 is still relevant during the remainder of construction activities at the GSEP but would require modifications in keeping with the best interest of the kit fox population in the project area, NextEra Energy must petition the Energy Commission for a project amendment in advance of taking any action. If you have any questions on the content of this letter, please contact Chris Marxen, Compliance Office Manager, at (916) 651-0587 or cmarxen@energy.state.ca.us.

Sincerely,



TERRENCE O'BRIEN, Deputy Director
Siting, Transmission,
and Environmental Protection Division

cc: Kevin W. Bell, California Energy Commission
Jody Fraser, USFWS
Eric Knight, California Energy Commission
Mark Massar, BLM
Chris Marxen, California Energy Commission
Christopher Meyer, Bureau Veritas
Charlyn Mosley, NextEra Energy Resources
Magdalena Rodriguez, CDFG
Peter Sorenson, USFWS
Eric Veerkamp, California Energy Commission
Rick York, California Energy Commission